Eastern Canada Piping Plover Banding Summary

Diane L. Amirault, François Shaffer and Jennifer Stewart

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Abstract

The need for a Piping Plover banding study became evident in the early 1990s, when several years of good productivity (greater than 1.5 chicks fledged per pair) suggested that an increase in regional population numbers could be expected. However, the regional population declined by approximately 17% between the two International Censuses, conducted in 1991 and 1996. The eastern Canada Piping Plover population was the only population that did not increase over that five-year period.

In 1998, a research program was initiated to answer key questions related to survival, dispersal, and other population dynamics of eastern Canadian Piping Plovers. This report summarizes the banding protocol and effort and study areas of this research program.

A protocol was developed to implement a consistent region-wide study aimed at minimizing disturbance while maximizing the amount of information that could be obtained. Strict timelines for capture and handling, and specifications for conditions where banding could occur, were key components of the protocol.

Adult Piping Plovers were captured during the majority of the study using a modified Weller nest trap; however a box trap was used initially. Chicks were captured by hand. Two bands were placed on each bird, one on each lower leg (tarsometatarsus). A standard 1A stainless steel or 1B incoloy USGS band was placed on one leg, while a province-specific colour band was placed on the opposite leg. The only exception was 1998, when stainless steel USGS bands were placed on the upper leg. The USGS band was placed on the right leg of adults and on the left leg of chicks, to allow recognition of age classes from a distance for returning birds.

Over the course of the study, 888 Piping Plovers were banded in eastern Canada. The detailed results of this research will be published elsewhere.

Résumé

La nécessité d'une étude de baguage sur le Pluvier siffleur est devenue évidente au début des années 1990, lorsque plusieurs années de bonne productivité (plus de 1,5 oisillon prenant son envol par couple reproducteur) ont laissé entrevoir un accroissement de la population de Pluviers siffleurs dans la région. Cette population a toutefois baissé d'environ 17 p. 100 entre les deux recensements internationaux effectués en 1991 et en 1996. La population de Pluviers siffleurs de l'est du Canada est la seule à ne pas avoir augmenté au cours de ces cinq années.

En 1998, on a mis sur pied un programme de recherche pour tenter de répondre à des questions essentielles touchant à la survie, à la dispersion et à d'autres paramètres relatifs à la population de Pluviers siffleurs de l'est du Canada. Le présent rapport résume le protocole de baguage, l'effort de baguage déployé et présente les zones d'études de ce programme de recherche.

On a mis au point un protocole pour la mise en œuvre d'une étude cohérente à l'échelle de la région, protocole visant à obtenir le maximum de renseignements, tout en perturbant le moins possible la population. Un échéancier très précis de capture et de manipulation ainsi que des lignes directrices strictes sur les conditions de baguage ont été des éléments essentiels de ce protocole.

On a capturé les Pluviers siffleurs adultes pendant la majeure partie de l'étude à l'aide d'un piège de type Weller modifié; au départ, une boite de capture au nid a toutefois été utilisée. Les oisillons ont été attrapés à la main. Deux bagues ont été posées sur chaque individu, à savoir une sur la partie inférieure de chaque patte (tarso-métatarse). Une bague standard 1A en acier inoxydable ou une bague USGS 1B en incoloy a été posée sur une patte, tandis qu'une bague dont la couleur variait selon la province a été placée sur l'autre patte. La seule exception fut l'année 1998, pendant laquelle on a posé une bague USGS en acier inoxydable sur la partie supérieure de la patte, à savoir sur la patte droite chez les adultes et sur la patte gauche chez les oisillons, afin de pouvoir distinguer d'une certaine distance les classes d'âge lors du retour des oiseaux dans la région.

Tout au long de l'étude, on a bagué 888 Pluviers siffleurs dans l'est du Canada. Les résultats détaillés de cette étude seront publiés ailleurs.

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Introduction

A tremendous amount of research, monitoring and conservation effort has been focused on the eastern Canada population of Piping Plovers (*Charadrius melodus melodus*) since the species was identified as *Endangered* in Canada in 1985 (Haig 1985). These efforts have contributed to the large body of data regarding the status of the regional population. International population censuses conducted in 1991, 1996 and 2001 have produced reliable indications of population trends (Flemming 1994, Goossen and Amirault 2004, Amirault 2005).

The first comprehensive survey of all known and potential eastern Canada Piping Plover breeding habitats occurred in 1991, during the first International Census. At that time, the population was estimated at 509 adults (Flemming 1994). The second International Census conducted in 1996 showed a population decline of approximately 17% to 422 adults (Goossen and Amirault 2004). This was the only portion of the Atlantic Coast (*melodus* subspecies) population which declined during this period. Although the last International Census conducted in 2001 indicated an improvement from 1996, the population level remained lower than in 1991 at 481 adults. This population decrease was unexpected, since eastern Canada populations had consistently achieved the target rate of 1.5 chicks fledged per pair, among the highest productivity rates of any Piping Plover population in North America (Haig and Elliott-Smith 2004). Estimates of productivity reported in eastern Canada from 1991-2006 are presented in Appendix 1. These estimates comprise a consolidation of information from conservation groups and agencies across the region. Numbers reported represent the total number of chicks reaching the age of 20 days (defined as a fledged chick for reporting purposes) per pair followed from nest initiation to hatching or nest loss. Separating re-nests from initial nesting attempts is often difficult if birds are unbanded. Re-nesting is therefore reported as follows: unsuccessful nesting attempts are reported as one monitored pair with no chicks hatched or fledged and any subsequent successful or unsuccessful attempts are reported as another monitored pair unless that pair was confidently identified as the same pair. For example, when both birds in the pair are banded and their identity confirmed, or when a new nest is discovered near a nest that was lost during the egg laying or incubation stage.

Coincident with this regular monitoring, considerable time, effort and funding were expended in Piping Plover conservation efforts. As the anticipated population recovery in response to conservation attention did not materialize, a banding program was planned to collect information needed to determine why the status of the Eastern Canada population was not improving.

Rationale for a banding and research program

A banding project was initiated to ensure that the Piping Plover recovery program was based on sound biological information and appropriate estimates of population parameters. Data were collected as the basis for a research program involving population viability

analysis and the assessment of the adequacy of current protection measures. The following specific objectives were identified:

1. Determine the rate at which juvenile Piping Plovers were being recruited into the eastern Canada breeding population.
Modeling of the U.S. Atlantic Coast Piping Plover population indicated that productivity of at least 1.5 chicks fledged per pair was required for a population to increase (U.S. Fish and Wildlife Service 1996). Although many of the beaches monitored in eastern Canada had met or exceeded this productivity rate, adult population numbers had continued to decline, suggesting low return rates of juvenile birds. Localized extirpations had occurred that could not be explained by habitat changes or other factors. This led to speculation that some young birds produced in eastern Canada may have nested in the north eastern U.S., where populations had increased substantially in recent years. An alternative explanation for low return rates was that over-winter survival of juvenile birds was very low. It was therefore important to determine what proportion of birds produced in eastern Canada was returning to breed as adults and whether substantial numbers settled elsewhere or failed to survive.

2. Determine survival rates of juvenile and adult Piping Plovers in eastern Canada.
To date, survival rates for eastern Canada Piping Plovers had been estimated from population modeling based on banding studies conducted on the U.S. Atlantic Coast population (U.S. Fish and Wildlife Service 1996). However, survival rates for eastern Canada could vary considerably from the U.S. Atlantic population, due to the additional migration distance and climatic extremes experienced at the northernmost limit of the species' range.

3. Determine dispersal, movement and migration patterns, and location of wintering habitats of eastern Canada Piping Plovers.
It was important to determine whether juvenile Piping Plovers returned to areas near natal beaches to breed or dispersed to other areas, and whether a one-year time lag existed with juveniles not returning to breed in the year after production, in order to understand the apparent low return rates of juvenile birds. Clarification of the timing of eastern Canada Piping Plover migration, and of the routes followed, as well as identification of areas where they over-wintered, was important to help understand significant threats that may negatively affect birds outside the breeding season.

Survival rates and other population parameters may also vary among provincial populations, so a better understanding of metapopulation dynamics and linkages between eastern Canada and other populations was needed. Obtaining specific information for eastern Canada would permit more accurate population modeling and the completion of a regional population viability assessment.

This technical report provides information on the field work aspects of the program developed to address these objectives, which was conducted across eastern Canada from 1998 to 2003. It outlines the banding protocol, study areas and banding effort. Complete results will be published in subsequent reports.

Banding protocol

A review of pertinent literature (Wilcox 1959, MacIvor et al. 1990, Calvo and Furness 1992, Reed and Oring 1993, Gratto-Trevor 1994, Amat 1999, Lingle et al. 1999) and discussions among experienced banders across North America were conducted to develop the banding protocol. The draft protocol was reviewed by the eastern Canada Piping Plover Recovery Team. The Piping Plover banding protocol and research program were developed with special attention to minimizing disturbance, and reducing the risk of injury, mortality and lowered productivity, based on other successful research programs (Wemmer and Cuthbert 1998). A separate protocol was established to identify the appropriate response to mortality or injury that resulted from capturing, handling or banding birds (Appendix 2).

The banding protocol was adapted during the study to take advantage of new information, and regular evaluations were undertaken to determine what impact the banding program may have had on Piping Plovers. Procedures described below identify any changes from the original methodology, as well as a rationale for those modifications. The study spanned a total of nine years: an initial protocol was tested in 1998; intensive banding and recaptures occurred from 1999 to 2003; and opportunistic recapture of banded individuals occurred between 2004 and 2006.

Methods

Efforts to minimize disturbance

Trapping of adults on their first nesting attempts was favoured, in order to minimize disturbance and stress, and avoid potential effects on Piping Plover productivity. Only one adult per pair was normally trapped. However, capture on renesting attempts or of both adults was occasionally undertaken with appropriate caution, if the bander judged that trapping would have little risk of impacting nesting success or posing undue stress.

Captures were timed to increase the chance of success and minimize disturbance. Capture of adults generally occurred 7-25 days after initiation of incubation to minimize risk of nest abandonment. Occasional capture attempts less than seven days into incubation were undertaken at the discretion of the bander. Most young were banded at age 7-14 days, as banding of older, more mobile juveniles was thought to result in greater disturbance. All captures occurred when weather conditions were good, defined as light to moderate winds, no precipitation and air temperatures close to 15°-25°C. Banders considered weather conditions, likelihood of success, and effect of disturbance when evaluating whether a subsequent capture attempt on the same day was appropriate, and no more than three attempts were made to trap any individual plover. Only experienced banders that showed proficiency in banding Piping Plovers were involved in capturing or banding birds.

A maximum of 15 minutes was allowed for the adult to enter the trap, in order to minimize the overall level of disturbance. The trap was removed if the adult had not returned to the nest in that period. The adult was removed from the trap by hand immediately following capture. Birds were released as soon as possible, with a maximum handling time of 10

minutes per adult for banding, measurement, and photography. No trapping was conducted on nesting beaches where there was a presence or evidence of large numbers of predators, or where trapping was expected to increase the likelihood of predation. Trap set-up and handling techniques were practiced away from nests in advance, in order to increase efficiency and reduce the time and disturbance involved.

Trap designs

A modified Weller trap (Weller 1957) set over the nest was used during most of the banding program (late June 2000 to 2006). Traps were constructed of 1.25 inch (3.18 mm) plastic-covered wire mesh, similar to materials used to construct lobster traps. The wire was bent into a round shape and fine netting, normally used in the aquaculture industry for spat collection (Netron extruded polyethylene) covered the top portion of the trap. A second layer of plastic-covered wire mesh was placed on the outside of the trap, as some birds occasionally escaped through the single layer of mesh. Plastic ties secured the wire mesh. A door suspended by a fine monofilament fishing line allowed the adult to reach the nest. The line looped through the top mesh of the cage, down through the bottom mesh, and over the top of the eggs to end in a loop attached to a peg near the eggs. When the adult returned to incubate the eggs, it pushed the loop off the peg, causing the door to drop under its own weight, and capturing the bird inside the trap. The trap was placed over the nest so that the door was opposite of the direction of the prevailing wind, allowing birds to approach the nest and enter the trap facing into the wind.

Captures prior to late June 2000 were made with a box trap set over the nest. A pin with a string attached held the door in place. When an adult had entered the trap and settled on the eggs, the string was pulled by an observer to dislodge the pin, causing the door to fall and trap the adult inside. Although this technique was used successfully to capture Piping Plovers, it was less efficient than the modified Weller Trap. The square design caused difficulties for some birds to locate the door, and the bulky frame may have caused some birds to be suspicious and prevent them from entering the trap.

At those nests where exclosures were used to keep predators away, the trap was usually placed inside the exclosure. In these cases, the exclosure was partially lifted to allow the trap to be placed on the nest and secured immediately after capture was completed. Complete removal of an exclosure usually confused the birds, as they appeared to use that structure to locate their nests and often returned to the displaced exclosure rather than the actual nest site. Some exclosures were built to facilitate banding, with a door in the wire mesh held in place with plastic ties. The ties were removed to allow a researcher to enter the exclosure to place the trap over the nest, and new ties were placed to secure the door once the activity was complete. Attempts were made to remove evidence of human activity near the nests to minimize the attraction of predators, especially when exclosures were not used.

All banding took place and measurements were taken a considerable distance from the nest to minimize researcher activity in the vicinity of the nest site. This was done to decrease the risk of predation for nests without exclosures, minimize the risk of abandonment due to human presence at the nest and permitted the other adult to access the nest in order to

resume incubation. A minimum number of researchers (normally only two persons) was used to safely and quickly place the trap on the nest, retrieve the captured bird and erase footprints or other evidence of human activity at the nest site.

Most chicks were captured by hand, occasionally facilitated by using small insect nets gently placed over the young bird. Most captures were conducted by a group of persons equal to the number of chicks present. The team approached from the top of a dune, with each person selecting one chick to follow. They walked towards each chick in the direction of the water's edge, following the chick until it crouched on the sand and could be easily picked up. Only one attempt was made to capture each brood. The entire brood was captured together, and after banding the chicks were released simultaneously to maintain the family unit. This was done because if only a portion of the brood was captured, the adults would lead the remaining chicks away, making it difficult to reunite the banded chicks with the rest of the family group.

Timing of adult captures varied between study areas, and depended on the frequency of renesting. Most took place from late May to early July. Most juvenile plovers were banded from late June to early August, again depending on the timing of renesting.

Information collected

The band number, band colour, age, sex, date and location were recorded for each adult bird banded. Adults were sexed on the basis of their behaviour, bill colouration and plumage characteristics (Cairns 1982). The band number, band colour, date and location were recorded for chicks. The age and sex of all chicks were classified as "Local, Unknown" for banding report purposes.

Several measurements were recorded for adult birds. Mass (±0.1 g) was measured with a pesola-type scale, maximum wing chord and tail length (±0.1 mm) were measured with a wing rule, and culmen length (±0.1 mm) was measured using calipers. The maximum and minimum widths of the dark throat stripe were occasionally measured to assist in determining the sex of adults, and notes were recorded on plumage characteristics. The degree of primary feather wear was noted to evaluate the potential for distinguishing between second-year and older adult birds.

Some banded adult plovers were photographed to assess the potential for using plumage and bill characteristics to identify individual birds in subsequent years. A series of four photographs was taken: a side-view of the bill to assess the use of the relative amount of bill colour (red-orange and black) to identify male and female birds, a side view of the head and bill for later measurement, a side view of the entire bird, and a frontal image of the bird to document the characteristics of the neck band.

In order to allow sufficient time to band several chicks within ten minutes, only the mass (±0.1 g), measured with a pesola-type scale, and maximum wing chord (±0.1 mm), measured with a wing rule, were recorded for chicks.

After banding and release, or removal of the trap after unsuccessful attempts, birds were observed from a distance of at least 100 m, until it was considered that they had resumed normal behaviour. After broods were released, chicks were observed from a similar distance to confirm that they were reunited with their parents. The amount of time required for adults to return to the nest was recorded. Whenever possible, banded birds were monitored every 1-3 days to detect problems resulting from banding.

The impact of banding was evaluated through discussions with Piping Plover monitoring groups at the end of the breeding season, to determine the fate of each nest and to determine whether banded chicks were known or thought to have fledged. Hatching and fledging success of family groups in which some individuals were banded was determined, to evaluate whether banding affected their productivity.

Banding Scheme

The only USGS metal bands available in sizes approved for Piping Plovers (1A or 1B) have inscriptions on the inside, although it is recommended that bands without such engravings be used to minimize the risk of injury (Lingle et al. 1999). We therefore used these bands of the recommended size, while monitoring for problems associated with inside engravings, so that other approaches could be used if concerns arose.

With the exception of the initial protocol development year (1998), both adult and juvenile birds were marked with two bands, one on the lower part of each leg (the tarsometatarsus). USGS bands were placed on the upper leg in 1998. One leg carried a 1A or 1B USGS metal band, while the other carried a size 1A plastic or anodized aluminium colour-band identifying the province of banding. This banding scheme was adopted across eastern Canada, with the exception of the type of USGS bands used. In Atlantic Canada, 1A stainless steel USGS bands were used in 1998 and 1B incoloy USGS bands used thereafter. On the Magdalen Islands (Québec), 1A stainless steel USGS bands were used throughout the study. All bands were inspected prior to use, in order to discard imperfect bands and polish down any sharp edges.

To indicate the province of banding, several different types of colour bands were used for colour bands during this study. As Piping Plover populations overlap during the winter, colour combinations used in other jurisdictions were avoided to prevent identification problems. The colour band regime was changed between years in order to avoid duplication, and in response to fading and loss of plastic bands. Single colour or bicolour plastic bands were used initially, but proved not to be UV-stable. They were replaced with anodized colour aluminium bands carrying alpha-codes (letters), because no UV-stable colour combinations were available that had not been previously used in other Piping Plover studies. Anodized aluminium bands were a suitable alternative to plastic bands due to the range of colours available. The aluminium bands had unique two-letter alpha codes to aid in identifying individual birds from a distance, with the letters either side-by-side (horizontal) on a shorter colour band (height = 6.5 mm) or one above the other (vertical) on a taller colour band (height = 9.1 mm) (Amirault et al. 2006). Taller colour bands were eventually used to permit reading both letters simultaneously, which facilitated identification of birds from a distance. Table 1 summarizes the colour band colours and

types used over the course of the study. Figure 1 illustrates the colour bands used and provides examples of typical band wear.

Table 1. Types of colour bands used on Piping Plovers in eastern Canada, 1998-2003.

	1998		1999-2000		2001		2002-2003	
	Colour scheme	Band type	Colour scheme	Band type	Colour scheme	Band type	Colour scheme	Band type
NB	dark green	plastic single-colour	white / light blue	plastic bicolour	dark blue / green	metal bicolour (horizontal alpha codes)	dark blue / green	tall metal bicolour (vertical alpha codes)
NL	light green	plastic single-colour	pink / dark blue	plastic bicolour	red / dark blue	metal bicolour (horizontal alpha codes)	red / dark blue	tall metal bicolour (vertical alpha codes)
NS	-	-	yellow / light green	plastic bicolour	red / black	metal bicolour (horizontal alpha codes)	red / black	tall metal bicolour (vertical alpha codes)
PEI	red	plastic single-colour	red / dark green	plastic bicolour	red / dark green	metal bicolour (horizontal alpha codes)	red / dark green	tall metal bicolour (vertical alpha codes)
QC	grey	plastic single-colour	grey	plastic single-colour	blue / purple	metal bicolour (horizontal alpha codes)	blue / purple	tall metal bicolour (vertical alpha codes)

Note - No birds were banded in Nova Scotia in 1998.

Adults and juvenile plovers were distinguished by the location of the bands. Adults had the colour band placed on the left leg and USGS band on the right, whereas juveniles had the colour band on the right leg and USGS band on the left.

No numerical banding targets were established. Instead, as many adult and juvenile plovers as possible were banded, keeping in mind the need to minimize negative impacts on nesting birds, challenges in gaining access to many sites, and the availability of staff time and resources. In later years of the study, additional emphasis was placed on recapturing banded individuals to confirm the identity of banded birds, and replace worn or remove constrictive bands. This additional effort to identify individuals enabled stronger confidence intervals to be established when conducting population modeling exercises.

Study areas

The study focused on Piping Plover beach habitats that were regularly monitored by conservation groups in New Brunswick, insular Newfoundland, Nova Scotia, Prince Edward Island and Québec. Monitors familiar with the sites were often able to provide advice on selecting the best locations for banding. Over the course of the study, banding occurred at 80 sites in eastern Canada (Figure 2).

The Piping Plover banding protocol was field-tested in 1998 at a few sites in New Brunswick, Newfoundland, Prince Edward Island and Québec. The program was fully implemented between 1999 and 2003, with effort expended in all five jurisdictions, except that no banding occurred in Newfoundland in 1999. In 2004, 2005 and 2006, emphasis was placed on re-sighting bands, and opportunistic capturing birds to remove metal colour bands (Amirault et al. 2006).

Banding effort

A total of 888 birds was banded, including 329 adults and 559 chicks. The largest number of birds was banded at 19 sites in the province of New Brunswick (255, including 89 adults and 166 juveniles); 209 were banded at 20 sites in Nova Scotia (including 75 adults and 134 juveniles); 180 were banded at 20 sites in Prince Edward Island (including 69 adults and 111 juveniles); 157 were banded at 9 sites in Québec (including 62 adults and 95 juveniles); and 87 were banded at 12 sites in Newfoundland (including 34 adults and 53 juveniles). The numbers of adult and juvenile birds banded at each site are summarized in Table 2.

Table 2. Number of adult and juvenile Piping Plovers banded by location for each province, 1998-2003

Québec Piping Plover banding activities 1998 - 2003 (n = 9 sites)

	1998		1999		2000		2001		2002		2003	TOTAL	
Site	adult	juv.	adult	juv.	adult	juv.	adult	juv.	adult	juv.	adult	**adult**	**juv.**
Bassin aux Huîtres (est) (47°33', 61°31')			4	4	1	1	1		4	3		**10**	**8**
Bassin aux Huîtres (ouest) (47°32', 61°32')			1									**1**	**0**
Dune de l'Ouest (47°19', 61°58')	1	3		4		3	1					**2**	**10**
Grosse-Île (47°37', 61°29')			1		2	6	1			3		**4**	**9**
Dune du Sud (47°32', 61°40')				7	2	7	3	3	3			**8**	**17**
La Pointe (47°24', 61°50')					1	1	1	3				**2**	**4**
Plage de l'Hôpital (47°26', 61°52')				4	7	13	9	16	2	9	5	**23**	**42**
Plage de la Martinique (47°18', 61°56')	2			4			3	1	5			**10**	**5**
Sandy Hook (47°14', 61°48')							1		1			**2**	**0**
Totals	**3**	**3**	**6**	**23**	**13**	**31**	**20**	**23**	**15**	**15**	**5**	**62**	**95**

New Brunswick Piping Plover banding activities 1998 - 2003 (n = 19 sites)

Site	1998		1999		2000		2001		2002		2003	Total	
	adult	juv.	adult	juv.	adult	juv.	adult	juv.	adult	juv.	adult	**adult**	**juv.**
Bouctouche Bar (46°28', 64°36')			1	9	2	7	3	8	1	10	5	**12**	**34**
Cape Jourimain National Wildlife Area (46°09', 63°50')							2					**2**	
Cedar Road South (47°24', 64°54')				10	1	4	2	6			1	**4**	**20**
Chockpish (46°36', 64°43')								3	2	3		**2**	**6**
Dune de Neguac (47°16', 64°59')						16			4	13	3	**7**	**29**
Dune de Tabusintac (47°21', 64°55')			3	4	5	6	1	4				**9**	**14**
Grand Passage (47°40', 64°44')										5			**5**
North Kouchibouguac Dune, KouchNP (46°50', 64°55')		3		3		3	1	4	1	2	3	**5**	**15**
Pointe à Barreau (47°25', 64°53')							2				1	**3**	
Pointe à Bouleau (47°29', 64°52')	3	1	3	2					2			**8**	**3**
Pointe Sapin (46°58', 64°49')				3									**3**
Pointe Sapin Dune, KouchNP (46°55', 64°52')	2						1	2			1	**4**	**2**
Portage Island National Wildlife Area (47°09', 65°02')							1	2	2		1	**4**	**2**
Portage River Dune, KouchNP (46°55', 64°53')		3					1	6	1	9	1	**3**	**18**
South Kouchibouguac Dune, KouchNP (46°46', 64°52')	2	2	3	1		1	1		1		1	**8**	**4**
South Richibucto (46°41', 64°44')									1			**1**	
St. Raphael-sur-mer (47°47', 64°33')											1	**1**	
Tracadie Dune (47°31', 64°51')							2	8	7	3	1	**10**	**11**
Val Comeau (47°28', 64°52')					1				3		2	**6**	
Totals	**7**	**9**	**10**	**32**	**9**	**37**	**17**	**43**	**25**	**45**	**21**	**89**	**166**

Newfoundland Piping Plover banding activities 1998 - 2003 (n = 12 sites)

Site	1998		1999		2000		2001		2002		2003	Total	
	adult	juv.	adult	juv.	adult	juv.	adult	juv.	adult	juv.	adult	**adult**	**juv.**
Big Barachois (47°36', 59°14')							1	4	1			**2**	**4**
Big Barasway (47°38', 57°42')									1	4		**1**	**4**
Bottles Barachois (47°35', 59°14')					1		2	3		3		**3**	**6**
East of Windsor Point (47°37', 59°15')					1		2					**3**	
Flat Bay Peninsula (48°26', 58°32')					1	8	1		1			**3**	**8**
J.T. Cheeseman Provincial Park (47°37', 59°16')									3		1	**4**	
Jerret Point - Windsor Point (47°37', 59°16')					1	2	1	3	1		1	**3**	**5**
Little Codroy (47°45', 59°18')					1	2	1			6	1	**2**	**8**
Sandy Point, Flat Island (48°27', 58°29')						3		4	1	3		**1**	**10**
Searston (47°49', 59°19')					1							**2**	
Second (Rocky Barachois Bight) (47°35', 59°11')					1		1	4		4		**3**	**8**
Stephenville Crossing (48°29', 58°25')							2		1		1	**4**	
Unknown	3												
Totals	**3**				**7**	**15**	**11**	**18**	**9**	**20**	**4**	**34**	**53**

Nova Scotia Piping Plover banding activities 1998 - 2003 (n= 20 sites)

	1998		1999		2000		2001		2002		2003	Total	
Site	adult	juv.	adult	juv.	adult	juv.	adult	juv.	adult	juv.	adult	adult	juv.
Carters & Wobamkek (43°54', 64°49')				1	3							3	1
Cherry Hill (Conrad) (44°08', 64°30')			1	1			4	6		6		5	13
Crow Neck (Baccaro) (43°28', 65°28')			1	7	2	10	4	3		7	2	9	27
Daniels Head (Southside) (43°25', 65°36')			2	4	7	7	5		1	3		15	14
Fox Bar (43°36', 65°20')							1	6		1		1	7
Hawk Point (43°24', 65°37')								2			1	1	2
James and Little Harbour Spit (45°39', 62°33')											2	2	
Johnstons Pond (43°46', 64°56')			1	4		4	1					2	8
Louis Head (43°44', 65°00')				3									3
Mahoneys (45°41', 61°53')											2	2	
Pomquet (45°38', 61°47')											8	8	
Ragged Harbour (44°05', 64°33')			1				1		1			3	
Red Head (43°34', 65°20')									2	5		2	5
Round Bay & Roseway (43°35', 65°21')					1		1	3		3	2	4	6
Sand Hills Provincial Park (Sebim) (43°31', 65°33')				2	3		1			3		4	5
Sandy Bay (43°49', 64°53')					1	3						1	3
St Catherines River, KejNP Seaside Adjunct (43°50', 64°48')			3	2	2	15	3	3		7	1	9	27
Stoney Island (43°27', 65°34')							1		1			2	
Summerville (43°56', 64°49')			1	4		4	1	2				2	10
The Hawk, Cape Sable Island (43°25', 65°36')								3					3
Totals			10	28	19	43	23	28	5	35	18	75	134

Prince Edward Island Piping Plover banding activities 1998 - 2003 (n= 20 sites)

	1998		1999		2000		2001		2002		2003	Total	
Site	adult	juv.	adult	juv.	adult	juv.	adult	juv.	adult	juv.	adult	**adult**	**juv.**
Black Pond (46°21', 62°09')											1	**1**	
Blooming Point, PEINP (46°25', 62°59')					2		1	4				**3**	**4**
Boughton Island (46°12', 62°25')										3			**3**
Cabot Provincial Park (46°33', 63°41')							1					**1**	
Canavoy (46°25', 62°49')							2	8	3		1	**6**	**8**
Cavendish Sandspit, PEINP (46°30', 63°20')	2		1	15	4	4	4	5	5	9	3	**19**	**33**
Cousins Pond (46°32', 63°33')							1					**1**	
Covehead Harbour, PEINP (46°25', 63°08')	1		2	3	1	8	1	6	4	5		**9**	**22**
Darnley Point (46°33', 63°40')							1					**1**	
Diligent Pond (46°26', 61°59')									1		1	**2**	
East Lake (46°27', 62°00')									1		1	**2**	
Eglington Cove (46°19', 62°21')										2	1	**1**	**2**
Greenwich, PEINP (46°27', 62°43')					1		2		2	6		**5**	**6**
Rustico Island Causeway, PEINP (46°25', 63°13')	2				1	1						**3**	**1**
Rustico Island Sandspit, PEINP (46°26', 63°16')			1	3		4	1				1	**3**	**7**
Savage Harbour (West) (46°25', 62°50')							1	4	1		1	**3**	**4**
Souris Causeway (46°21', 62°16')									1	4	1	**2**	**4**
South Lake (46°24', 62°03')											2	**2**	
St Peters Harbour (46°26', 62°44')								5	2	5		**2**	**10**
St Peters Lake Run (46°26', 62°46')							1		2	7		**3**	**7**
Totals	**5**		**4**	**21**	**9**	**17**	**16**	**32**	**22**	**41**	**13**	**69**	**111**

Three sites figure prominently in the total number of birds banded: Plage de l'Hôpital (QC), Bouctouche Bar (NB) and Cavendish Sandspit (PE). At these sites, 18.4% of the total regional number of birds was banded. The largest number of birds was banded at Plage de l'Hôpital (65 birds, or 7.3% of total); 52 were banded at Cavendish Sandspit (5.8% of total); and 46 were banded at Bouctouche Bar (5.2% of total). Seven sites were notable for banding of significant numbers of juvenile birds: Plage de l'Hôpital (QC) (42), Bouctouche Bar (NB) (34), Cavendish Sandspit (PEI) (33), Dune de Neguac (NB)(29), Crow Neck (NS)(27), St. Catherines River (NS)(27) and Covehead Harbour (PE)(22).

Although significant numbers of Piping Plovers were banded within protected areas (national parks, national wildlife areas, provincial parks, ecological reserves), the majority of birds (71%) were banded outside these areas. A total of 210 Piping Plovers were banded within National Parks of Canada: 115 in Prince Edward Island NP (PE), 59 in Kouchibouguac NP (NB) and 36 in Kejimkujik NP Seaside Adjunct (NS); 33 were banded in Nova Scotia Provincial Parks: 12 at Summerville, nine at Sand Hills, eight at Pomquet, and four at Sandy Bay (Thomas Raddall Provincial Park); four were banded in the J.T. Cheeseman Provincial Park in Newfoundland and Labrador and one was banded at the

Cabot Provincial Park in Prince Edward Island; eight were banded in National Wildlife Areas: six at Portage Island (NB)(6) and two at Cape Jourimain (NB); and five were banded at Big Barasway Ecological Reserve (NL). A summary of initial activities is included in Appendix 3.

Seven banders participated in the study, including: Diane Amirault, Andrew Boyne, Pierre Laporte, Julie McKnight, François Shaffer and Peter Thomas of the Canadian Wildlife Service and Dr. Stephen Flemming of Parks Canada.

General results and discussion

The regional banding program has proven to be one of the most comprehensive and ambitious efforts to date aimed at identifying demographic parameters for the entire eastern Canada population of Piping Plovers, encompassing five provincial jurisdictions. Detailed analyses of banding results and impacts are being published elsewhere (e.g. Amirault et al. 2006, Calvert et al. 2006).

In general, the banding protocol was effective in obtaining the desired information while minimizing overall impact on the regional Piping Plover population. A total of 1069 trapping attempts, including 606 individual nests (some nests had more than one capture attempt) and 206 broods, were made throughout the research program, with a high success rate: >85% for capture attempts at nests and 99% for capture of broods (Table 3). Follow-up observations by banders and nest monitors indicate that impacts on nesting birds and their productivity were very low. For example, hatching and fledging success for family units where banding occurred were comparable to overall regional productivity estimates (Amirault, unpublished data). Nest abandonment rates were also well within the overall regional range.

Table 3. Comparison of capture success rates using the box and modified Weller traps.

	No. Capture Attempts (Nests)	No. Capture Attempts using box trap	No. Capture Attempts using modified Weller trap	No. Attempts to Capture Broods
Successful	741	66 (76%)	675 (87%)	205
Unsuccessful	122	21 (24%)	101 (13%)	1
Total	**863**	**87**	**776**	**206**

Piping Plover banding research coordinators across North America have been challenged with selecting bands that would be appropriate for their studies while minimizing the risk of band-related injuries. This species is naturally prone to leg injuries and certain band types may increase this risk (Lingle et al. 1999). Over the course of this study, injuries were observed in a small number of birds banded with the tall anodized aluminium colour bands (Amirault et al. 2006). Once the problem was identified, all banding with these

markers ceased and attempts were made to remove as many bands of this type as possible. Although their colour did not fade, sand abrasion caused anodized aluminium bands to wear down, resulting in eventual total colour loss. This type of colour band should not be used on Piping Plovers or other shorebird species as they are not only ineffective for long term colour retention but also may cause leg injuries.

The banding study was a success because of the time spent to develop an effective banding protocol, based on published literature and experiences of other jurisdictions, and it received broad support from wildlife agencies in the region, were the keys to this successful banding program to provide the basis for a research initiative. The field work associated with this study has been completed and the data analysis and publication of results is ongoing. The results of this research will provide the science necessary to guide the development of future conservation strategies.

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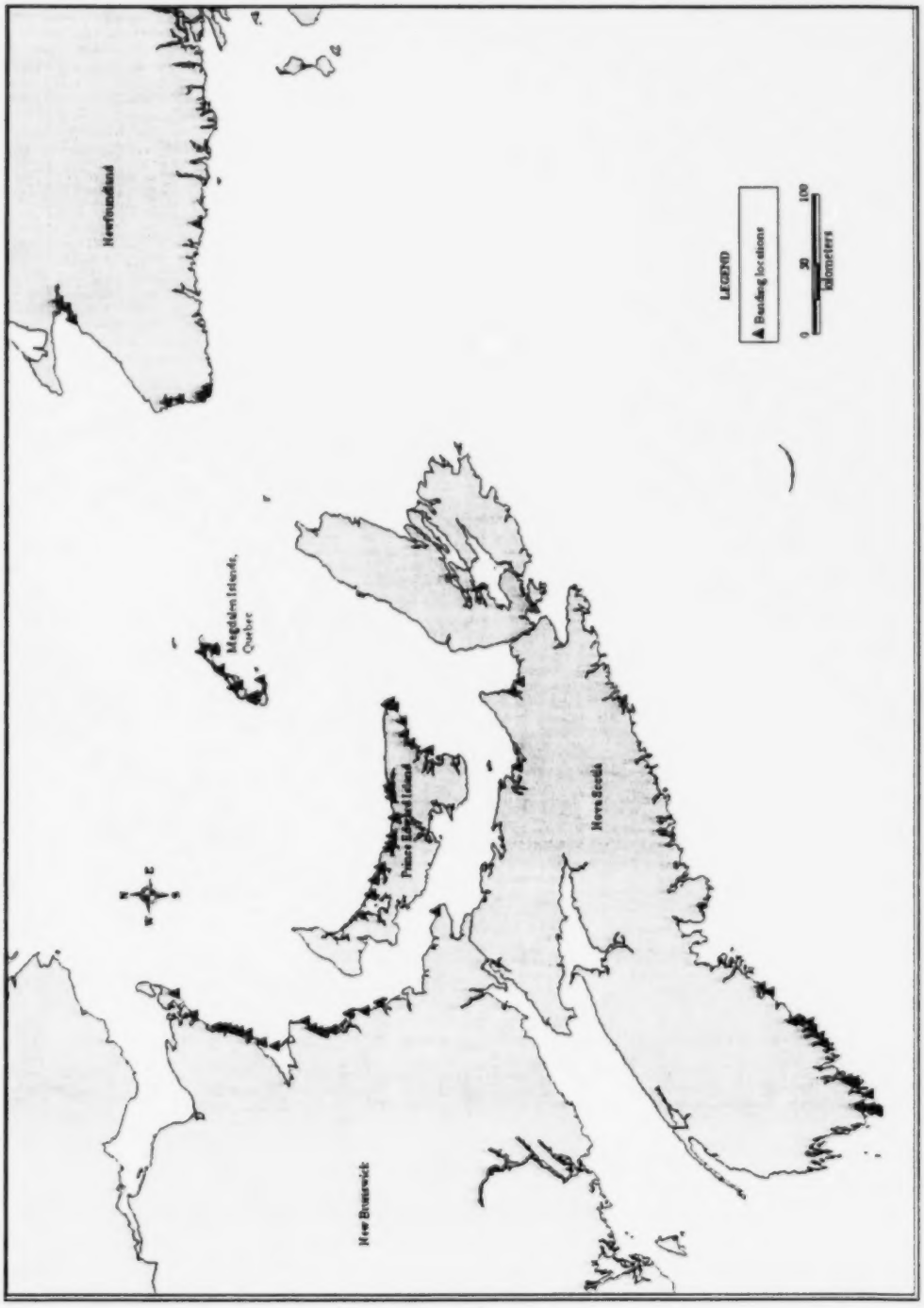
Figure 1. Types of colour bands used on Piping Plovers in eastern Canada, 1998-2003

Figure 2. Location of sites in eastern Canada where Piping Plovers were banded, 1998-2003.



Appendix 1. Productivity of Piping Plovers in eastern Canada, 1991-2006

	NB		NS		NL		PE		QC		Totals		
Year	*prs*	*chks*	*prs*	*chks*	*prs*	*chks*	*prs*	*chks*	*prs*	*chks*	*prs*	*chks*	*prod*
1991	29	38	29	20	0	0	17	30	38	46	113	134	1.19
1992	30	38	11	14	2	5	17	23	39	71	99	151	1.53
1993	22	11	18	28	0	0	21	6	0	0	61	45	0.74
1994	28	46	17	14	0	0	19	22	34	9	98	91	0.93
1995	67	124	17	25	0	0	13	14	29	4	126	167	1.33
1996	13	14	15	37	0	0	16	32	42	35	86	118	1.37
1997	59	117	36	70	0	0	27	64	22	11	144	262	1.82
1998	57	92	36	61	4	7	43	96	35	44	175	300	1.71
1999	69	134	35	63	0	0	42	70	43	65	189	332	1.76
2000	77	132	40	71	13	13	39	48	33	26	202	290	1.44
2001	81	138	45	68	17	34	42	61	29	43	214	344	1.61
2002	78	104	50	59	1	0	52	44	37	51	218	258	1.18
2003	83	158	48	62	6	8	45	79	37	50	219	357	1.63
2004	87	175	39	77	13	27	47	74	37	77	223	430	1.93
2005	57	119	31	72	19	46	42	63	39	49	188	349	1.86
2006	76	136	37	67	26	46	48	71	41	78	228	398	1.75

prs = pairs monitored
chks = chicks fledged
prod = chicks fledged per monitored pair

Appendix 2. Protocol for addressing Piping Plover mortality or injuries

In a twenty-year study of Piping Plovers on the United States Atlantic Coast, Wilcox (1959) reported no fatalities due to trapping, and recent North American banding efforts have resulted in negligible band-related fatalities or injuries. Therefore, little mortality or injury was anticipated as a result of capturing and handling plovers in the banding study in eastern Canada. However, because of the sensitivity of this declining population to increased mortality and reduced productivity, the following protocol was developed to address events where birds were inadvertently injured or killed.

Any Piping Plover found dead or injured, particularly when the mortality or injury was suspected of being linked to the banding study, was to be reported immediately to Diane Amirault, Canadian Wildlife Service. After assessing the circumstances, a decision would be made on whether to suspend or modify the remainder of the study.

An attempt was to be made to capture any injured bird to determine the cause and extent of the injury, and any link to banding. If the band(s) appeared to be causing the injury, the band(s) were to be removed. A detailed description of the injury was to be made for future reference, and injured limbs photographed. All possible attempts were to be made to rehabilitate injured individuals. Severely injured individuals were to be euthanized using cervical dislocation. The behaviour and survival of injured birds that could not be captured, or were captured and released, were to be monitored closely.

Any banded plovers that died were to be examined by Dr. Scott McBurney at the Atlantic Veterinary College (AVC) in Charlottetown, Prince Edward Island, in order to determine the cause of death and possible relationships to banding. All dead Piping Plovers were to be retrieved, as they could yield valuable information through post-mortem analysis on diet, parasites of the gastro-intestinal tract or lungs, inclusion in DNA studies to determine genetic relationships and potential archiving in a tissue storage bank at an appropriate facility.

Post-mortem examinations were conducted on fresh specimens whenever possible. Dead birds were transported directly to the AVC, ensuring that refrigeration did not exceed 48 hours. If it was not possible to submit specimens within a short time after death, they were frozen for future analysis. All specimens were shipped on ice or frozen. Specimens submitted to the AVC were accompanied by relevant information on nesting status and other history. Dr. McBurney was to be notified prior to submitting samples to the AVC.

Appendix 3. Summary of banding activities, 1998-2003

USGS band	Beach	Province	Year	Month	Day	Age	Sex	Leg USGS	Leg Colour	Aux Code	Aux band type	Colour	Colour Type
01130727	Plage de la Martinique	QC	1998	6	11	AHY	M	R	L		plastic	gray	monocolour
01130728	Plage de la Martinique	QC	1998	6	22	AHY	F	R	L		plastic	gray	monocolour
01130729	Dune de l'Ouest	QC	1998	7	10	L	U	L	R		plastic	gray	monocolour
01130730	Dune de l'Ouest	QC	1998	7	10	L	U	L	R		plastic	gray	monocolour
01130731	Dune de l'Ouest	QC	1998	7	10	L	U	L	R		plastic	gray	monocolour
01130732	Dune de l'Ouest	QC	1998	7	15	AHY	F	R	L		plastic	gray	monocolour
01130733	Baseen aux Huitres (est)	QC	1999	6	10	AHY	F	R	L		plastic	gray	monocolour
01130734	Baseen aux Huitres (est)	QC	1999	6	10	AHY	M	R	L		plastic	gray	monocolour
01130735	Baseen aux Huitres (ouest)	QC	1999	6	16	AHY	F	R	L		plastic	gray	monocolour
01130736	Baseen aux Huitres (est)	QC	1999	6	16	AHY	M	R	L		plastic	gray	monocolour
01130737	Baseen aux Huitres (est)	QC	1999	6	16	AHY	M	R	L		plastic	gray	monocolour
01130738	Baseen aux Huitres (est)	QC	1999	6	21	L	U	L	R		plastic	gray	monocolour
01130739	Baseen aux Huitres (est)	QC	1999	6	21	L	U	L	R		plastic	gray	monocolour
01130740	Baseen aux Huitres (est)	QC	1999	6	21	L	U	L	R		plastic	gray	monocolour
01130741	Baseen aux Huitres (est)	QC	1999	6	21	L	U	L	R		plastic	gray	monocolour
01130742	Goose-Ile	QC	1999	6	21	AHY	F	R	L		plastic	gray	monocolour
01130743	Dune de l'Ouest	QC	1999	6	29	L	U	L	R		plastic	gray	monocolour
01130744	Dune du Sud	QC	1999	6	21	L	U	L	R		plastic	gray	monocolour
01130745	Dune du Sud	QC	1999	6	21	L	U	L	R		plastic	gray	monocolour
01130746	Dune du Sud	QC	1999	6	21	L	U	L	R		plastic	gray	monocolour
01130747	Dune de l'Ouest	QC	1999	6	29	L	U	L	R		plastic	gray	monocolour
01130748	Dune de l'Ouest	QC	1999	6	29	L	U	L	R		plastic	gray	monocolour
01130749	Dune de l'Ouest	QC	1999	6	29	L	U	L	R		plastic	gray	monocolour
01130750	Plage de la Martinique	QC	1999	6	29	L	U	L	R		plastic	gray	monocolour
01130751	Plage de la Martinique	QC	1999	6	29	L	U	L	R		plastic	gray	monocolour
01130752	Plage de la Martinique	QC	1999	6	29	L	U	L	R		plastic	gray	monocolour
01130753	Plage de la Martinique	QC	1999	6	29	L	U	L	R		plastic	gray	monocolour
01130754	Dune du Sud	QC	1999	6	30	L	U	L	R		plastic	gray	monocolour
01130755	Dune du Sud	QC	1999	6	30	L	U	L	R		plastic	gray	monocolour
01130756	Dune du Sud	QC	1999	6	30	L	U	L	R		plastic	gray	monocolour
01130757	Dune du Sud	QC	1999	6	30	L	U	L	R		plastic	gray	monocolour
01130758	Plage de l'Hôpital	QC	1999	7	6	L	U	L	R		plastic	gray	monocolour
01130759	Plage de l'Hôpital	QC	1999	7	6	L	U	L	R		plastic	gray	monocolour
01130760	Plage de l'Hôpital	QC	1999	7	6	L	U	L	R		plastic	gray	monocolour
01130761	Plage de l'Hôpital	QC	1999	7	6	L	U	L	R		plastic	gray	monocolour
01130771	Goose-Ile	QC	2000	6	13	AHY	M	R	L		plastic	gray	monocolour
01130772	Plage de l'Hôpital	QC	2000	6	13	AHY	F	R	L		plastic	gray	monocolour
01130773	Plage de l'Hôpital	QC	2000	6	15	AHY	F	R	L		plastic	gray	monocolour
01130774	Plage de l'Hôpital	QC	2000	6	15	AHY	F	R	L		plastic	gray	monocolour
01130775	Plage de l'Hôpital	QC	2000	6	17	AHY	F	R	L		plastic	gray	monocolour
01130776	Plage de l'Hôpital	QC	2000	6	17	AHY	M	R	L		plastic	gray	monocolour
01130777	Plage de l'Hôpital	QC	2000	6	17	AHY	M	R	L		plastic	gray	monocolour
01130778	Plage de l'Hôpital	QC	2000	6	17	AHY	M	R	L		plastic	gray	monocolour
01130779	La Pointe	QC	2000	6	17	AHY	F	R	L		plastic	gray	monocolour
01130780	Baseen aux Huitres (est)	QC	2000	6	18	AHY	M	R	L		plastic	gray	monocolour
01130781	Goose-Ile	QC	2000	6	18	AHY	M	R	L		plastic	gray	monocolour
01130782	Dune du Sud	QC	2000	6	20	AHY	M	R	L		plastic	gray	monocolour
01130783	La Pointe	QC	2000	6	27	L	U	L	R		plastic	gray	monocolour
01130784	Plage de l'Hôpital	QC	2000	6	27	L	U	L	R		plastic	gray	monocolour
01130785	Plage de l'Hôpital	QC	2000	6	27	L	U	L	R		plastic	gray	monocolour
01130786	Plage de l'Hôpital	QC	2000	6	27	L	U	L	R		plastic	gray	monocolour
01130787	Plage de l'Hôpital	QC	2000	6	27	L	U	L	R		plastic	gray	monocolour
01130788	Plage de l'Hôpital	QC	2000	6	27	L	U	L	R		plastic	gray	monocolour
01130789	Plage de l'Hôpital	QC	2000	6	27	L	U	L	R		plastic	gray	monocolour
01130790	Goose-Ile	QC	2000	6	30	L	U	L	R		plastic	gray	monocolour
01130791	Dune du Sud	QC	2000	7	3	L	U	L	R		plastic	gray	monocolour
01130792	Dune du Sud	QC	2000	7	3	L	U	L	R		plastic	gray	monocolour
01130793	Dune du Sud	QC	2000	7	3	L	U	L	R		plastic	gray	monocolour
01130794	Dune du Sud	QC	2000	7	3	L	U	L	R		plastic	gray	monocolour
01130795	Dune du Sud	QC	2000	7	3	L	U	L	R		plastic	gray	monocolour
01130796	Dune du Sud	QC	2000	7	3	L	U	L	R		plastic	gray	monocolour
01130797	Dune du Sud	QC	2000	7	3	L	U	L	R		plastic	gray	monocolour
01130798	Dune du Sud	QC	2000	7	3	AHY	F	R	L		plastic	gray	monocolour
01137102	Pointe a Bouleau	NB	1998	5	25	AHY	F	R	L		plastic	dark green	monocolour
01137103	Cornwhead Harbour, PEINP	PE	1998	5	28	AHY	F	R	L		plastic	red	monocolour
01137104	Rustico Island Causeway, PEINP	PE	1998	5	28	AHY	M	R	L		plastic	red	monocolour
01137105	Covendish Sandspit, PEINP	PE	1998	5	28	AHY	M	R	L		plastic	red	monocolour
01137106	Covendish Sandspit, PEINP	PE	1998	5	28	AHY	M	R	L		plastic	red	monocolour
01137107	Rustico Island Causeway, PEINP	PE	1998	5	30	AHY	F	R	L		plastic	red	monocolour
01137108	South Kouchibouguac Dune, KouchNP	NB	1998	6	2	AHY	M	R	L		plastic	dark green	monocolour
01137109	Pointe Sapin Dune, KouchNP	NB	1998	6	10	AHY	M	R	L		plastic	dark green	monocolour
01137110	Pointe Sapin Dune, KouchNP	NB	1998	6	10	AHY	M	R	L		plastic	dark green	monocolour
01137111	South Kouchibouguac Dune, KouchNP	NB	1998	6	10	AHY	M	R	L		plastic	dark green	monocolour
01137112	Pointe a Bouleau	NB	1998	6	11	AHY	F	R	L		plastic	dark green	monocolour
01137113	Pointe a Bouleau	NB	1998	6	11	AHY	M	R	L		plastic	dark green	monocolour
01137114	Pointe a Bouleau	NB	1998	6	22	L	U	L	R		plastic	dark green	monocolour
01137115	South Kouchibouguac Dune, KouchNP	NB	1998	6	25	L	U	L	R		plastic	dark green	monocolour
01137116	South Kouchibouguac Dune, KouchNP	NB	1998	6	25	L	U	L	R		plastic	dark green	monocolour
01137117	Portage River Dune, KouchNP	NB	1998	6	25	L	U	L	R		plastic	dark green	monocolour
01137118	Portage River Dune, KouchNP	NB	1998	6	25	L	U	L	R		plastic	dark green	monocolour
01137119	Portage River Dune, KouchNP	NB	1998	6	25	L	U	L	R		plastic	dark green	monocolour
01137120	North Kouchibouguac Dune, KouchNP	NB	1998	6	25	L	U	L	R		plastic	dark green	monocolour
01137121	North Kouchibouguac Dune, KouchNP	NB	1998	6	25	L	U	L	R		plastic	dark green	monocolour
01137122	North Kouchibouguac Dune, KouchNP	NB	1998	6	25	L	U	L	R		plastic	dark green	monocolour
01140201	Goose-Ile	QC	2000	?	?	L	U	L	R		plastic	gray	monocolour
01140202	Goose-Ile	QC	2000	?	?	L	U	L	R		plastic	gray	monocolour
01140203	Plage de l'Hôpital	QC	2000	?	?	L	U	L	R		plastic	gray	monocolour
01140204	Plage de l'Hôpital	QC	2000	?	?	L	U	L	R		plastic	gray	monocolour

Eastern Canada Piping Plover Banding Summary

USGS band	Beach	Province	Year	Month	Day	Age	Sex	Leg USGS	Leg Colour	Aux Code	Aux band type	Colour	Colour Type
81140205	Plage de l'Hôpital	QC	2000	7	7	L	U	L	R		plastic	gay	monocolour
81140206	Dune de l'Ouest	QC	2000	7	10	L	U	L	R		plastic	gay	monocolour
81140207	Dune de l'Ouest	QC	2000	7	10	L	U	L	R		plastic	gay	monocolour
81140208	Dune de l'Ouest	QC	2000	7	10	L	U	L	R		plastic	gay	monocolour
81140209	Plage de l'Hôpital	QC	2000	7	13	L	U	L	R		plastic	gay	monocolour
81140210	Plage de l'Hôpital	QC	2000	7	13	L	U	L	R		plastic	gay	monocolour
81140211	Plage de l'Hôpital	QC	2000	7	13	L	U	L	R		plastic	gay	monocolour
81140212	Plage de l'Hôpital	QC	2000	7	13	L	U	L	R		plastic	gay	monocolour
81140213	Grosse-Île	QC	2000	7	13	L	U	L	R		plastic	gay	monocolour
81140214	Grosse-Île	QC	2000	7	13	L	U	R	L		plastic	gay	monocolour
81140215	Grosse-Île	QC	2000	7	13	L	U	R	L		plastic	gay	monocolour
81140216	Bassin aux Huîtres (est)	QC	2000	7	13	L	U	L	R		plastic	gay	monocolour
81140217	Plage de l'Hôpital	QC	2001	5	30	AHY	F	R	L	AB	short	Blue/Purple	bi-colour
81140218	Plage de l'Hôpital	QC	2001	5	30	AHY	F	R	L	AD	short	Blue/Purple	bi-colour
81140219	Sandy Hook	QC	2001	5	30	AHY	M	R	L	AH	short	Blue/Purple	bi-colour
81140220	Dune de l'Ouest	QC	2001	6	6	AHY	F	R	L	AK	short	Blue/Purple	bi-colour
81140221	Dune du Sud	QC	2001	6	6	AHY	F	R	L	AM	short	Blue/Purple	bi-colour
81140222	Plage de la Martinique	QC	2001	6	11	AHY	M	R	L	AP	short	Blue/Purple	bi-colour
81140223	La Pointe	QC	2001	6	11	AHY	M	R	L	AR	short	Blue/Purple	bi-colour
81140224	Plage de l'Hôpital	QC	2001	6	11	AHY	M	R	L	AU	short	Blue/Purple	bi-colour
81140226	Plage de l'Hôpital	QC	2001	6	11	AHY	F	R	L	AW	short	Blue/Purple	bi-colour
81140227	Plage de l'Hôpital	QC	2001	6	11	AHY	F	R	L	AX	short	Blue/Purple	bi-colour
81140229	Dune du Sud	QC	2001	6	12	AHY	F	R	L	AZ	short	Blue/Purple	bi-colour
81140230	Bassin aux Huîtres (est)	QC	2001	6	14	AHY	F	R	L	BC	short	Blue/Purple	bi-colour
81140231	Plage de l'Hôpital	QC	2001	6	15	AHY	M	R	L	BH	short	Blue/Purple	bi-colour
81140232	Dune du Sud	QC	2001	6	19	AHY	M	R	L	BP	short	Blue/Purple	bi-colour
81140233	Plage de l'Hôpital	QC	2001	6	21	AHY	M	R	L	BR	short	Blue/Purple	bi-colour
81140234	Grosse-Île	QC	2001	6	14	AHY	M	R	L	BM	short	Blue/Purple	bi-colour
81140235	Plage de l'Hôpital	QC	2001	6	21	L	U	L	R	BX	short	Blue/Purple	bi-colour
81140236	Plage de l'Hôpital	QC	2001	6	21	L	U	L	R	BU	short	Blue/Purple	bi-colour
81140237	Plage de l'Hôpital	QC	2001	6	21	L	U	L	R	BV	short	Blue/Purple	bi-colour
81140238	Plage de l'Hôpital	QC	2001	6	21	L	U	L	R	BS	short	Blue/Purple	bi-colour
81140239	Plage de l'Hôpital	QC	2001	6	21	L	U	L	R	CB	short	Blue/Purple	bi-colour
81140240	Plage de l'Hôpital	QC	2001	6	21	L	U	L	R	BZ	short	Blue/Purple	bi-colour
81140241	Plage de l'Hôpital	QC	2001	6	21	L	U	L	R	BY	short	Blue/Purple	bi-colour
81140242	La Pointe	QC	2001	6	22	L	U	L	R	CA	short	Blue/Purple	bi-colour
81140243	La Pointe	QC	2001	6	22	L	U	L	R	CE	short	Blue/Purple	bi-colour
81140244	La Pointe	QC	2001	6	22	L	U	L	R	CD	short	Blue/Purple	bi-colour
81140245	Plage de l'Hôpital	QC	2001	7	9	L	U	L	R	CH	short	Blue/Purple	bi-colour
81140246	Plage de l'Hôpital	QC	2001	7	9	L	U	L	R	CK	short	Blue/Purple	bi-colour
81140247	Plage de l'Hôpital	QC	2001	7	9	L	U	L	R	CM	short	Blue/Purple	bi-colour
81140248	Plage de l'Hôpital	QC	2001	7	9	L	U	L	R	CN	short	Blue/Purple	bi-colour
81140249	Plage de l'Hôpital	QC	2001	7	9	L	U	L	R	CP	short	Blue/Purple	bi-colour
81140250	Plage de l'Hôpital	QC	2001	7	9	L	U	L	R	CR	short	Blue/Purple	bi-colour
81140251	Plage de l'Hôpital	QC	2001	7	9	L	U	L	R	CS	short	Blue/Purple	bi-colour
81140252	Plage de la Martinique	QC	2001	7	11	AHY	F	R	L	CU	short	Blue/Purple	bi-colour
81140253	Plage de la Martinique	QC	2001	7	13	AHY	M	R	L	CV	short	Blue/Purple	bi-colour
81140254	Plage de l'Hôpital	QC	2001	7	13	AHY	M	R	L	CX	short	Blue/Purple	bi-colour
81140255	Plage de la Martinique	QC	2001	7	13	L	U	L	R	CW	short	Blue/Purple	bi-colour
81140256	Dune du Sud	QC	2001	7	13	L	U	L	R	CY	short	Blue/Purple	bi-colour
81140257	Dune du Sud	QC	2001	7	13	L	U	L	R	CZ	short	Blue/Purple	bi-colour
81140258	Dune du Sud	QC	2001	7	13	L	U	L	R	DA	short	Blue/Purple	bi-colour
81140259	Plage de l'Hôpital	QC	2001	7	13	L	U	L	R	DB	short	Blue/Purple	bi-colour
81140260	Plage de l'Hôpital	QC	2001	7	13	L	U	L	R	DC	short	Blue/Purple	bi-colour
81140261	Plage de l'Hôpital	QC	2001	7	14	AHY	F	R	L	DE	short	Blue/Purple	bi-colour
81140262	Plage de l'Hôpital	QC	2002	6	12	AHY	M	R	L	A/B	tall	Blue/Purple	bi-colour
81140263	Plage de l'Hôpital	QC	2002	6	12	AHY	M	R	L	A/C	tall	Blue/Purple	bi-colour
81140264	Bassin aux Huîtres (est)	QC	2002	6	12	AHY	M	R	L	A/E	tall	Blue/Purple	bi-colour
81140265	Bassin aux Huîtres (est)	QC	2002	6	12	AHY	F	R	L	A/H	tall	Blue/Purple	bi-colour
81140266	Plage de la Martinique	QC	2002	6	15	AHY	M	R	L	A/M	tall	Blue/Purple	bi-colour
81140267	Bassin aux Huîtres (est)	QC	2002	6	12	AHY	F	R	L	A/K	tall	Blue/Purple	bi-colour
81140268	Plage de la Martinique	QC	2002	6	18	AHY	F	R	L	A/N	tall	Blue/Purple	bi-colour
81140269	Bassin aux Huîtres (est)	QC	2002	6	20	AHY	F	R	L	A/R	tall	Blue/Purple	bi-colour
81140270	Sandy Hook	QC	2002	6	21	AHY	M	R	L	A/G	tall	Blue/Purple	bi-colour
81140271	Plage de la Martinique	QC	2002	7	1	AHY	M	R	L	A/U	tall	Blue/Purple	bi-colour
81140272	Plage de la Martinique	QC	2002	7	2	AHY	F	R	L	A/W	tall	Blue/Purple	bi-colour
81140273	Plage de la Martinique	QC	2002	7	2	AHY	F	R	L	A/X	tall	Blue/Purple	bi-colour
81140274	Dune du Sud	QC	2002	7	2	AHY	M	R	L	A/Y	tall	Blue/Purple	bi-colour
81140275	Dune du Sud	QC	2002	7	3	AHY	M	R	L	A/Z	tall	Blue/Purple	bi-colour
81140276	Dune du Sud	QC	2002	7	3	AHY	F	R	L	B/A	tall	Blue/Purple	bi-colour
81140277	Bassin aux Huîtres (est)	QC	2002	7	8	L	U	L	R	B/B	tall	Blue/Purple	bi-colour
81140278	Bassin aux Huîtres (est)	QC	2002	7	8	L	U	L	R	B/C	tall	Blue/Purple	bi-colour
81140279	Bassin aux Huîtres (est)	QC	2002	7	8	L	U	L	R	B/E	tall	Blue/Purple	bi-colour
81140280	Plage de l'Hôpital	QC	2002	7	11	L	U	L	R	B/H	tall	Blue/Purple	bi-colour
81140281	Plage de l'Hôpital	QC	2002	7	11	L	U	L	R	B/K	tall	Blue/Purple	bi-colour
81140282	Plage de l'Hôpital	QC	2002	7	11	L	U	L	R	B/M	tall	Blue/Purple	bi-colour
81140283	Plage de l'Hôpital	QC	2002	7	11	L	U	L	R	B/N	tall	Blue/Purple	bi-colour
81140284	Plage de l'Hôpital	QC	2002	7	11	L	U	L	R	B/P	tall	Blue/Purple	bi-colour
81140285	Plage de l'Hôpital	QC	2002	7	11	L	U	L	R	B/R	tall	Blue/Purple	bi-colour
81140286	Plage de l'Hôpital	QC	2002	7	11	L	U	L	R	B/S	tall	Blue/Purple	bi-colour
81140287	Plage de l'Hôpital	QC	2002	7	11	L	U	L	R	B/U	tall	Blue/Purple	bi-colour
81140288	Plage de l'Hôpital	QC	2002	7	11	L	U	L	R	B/V	tall	Blue/Purple	bi-colour
81140289	Grosse-Île	QC	2002	7	12	L	U	L	R	B/W	tall	Blue/Purple	bi-colour
81140290	Grosse-Île	QC	2002	7	12	L	U	L	R	B/X	tall	Blue/Purple	bi-colour
81140291	Grosse-Île	QC	2002	7	12	L	U	L	R	B/Y	tall	Blue/Purple	bi-colour
81140292	Plage de l'Hôpital	QC	2003	6	9	AHY	M	R	L	B/Z	tall	Blue/Purple	bi-colour
81140293	Plage de l'Hôpital	QC	2003	6	11	AHY	M	R	L	C/C	tall	Blue/Purple	bi-colour
81140294	Plage de l'Hôpital	QC	2003	6	11	AHY	F	R	L	C/H	tall	Blue/Purple	bi-colour
81140295	Plage de l'Hôpital	QC	2003	6	11	AHY	F	R	L	C/K	tall	Blue/Purple	bi-colour

USGS band	Beach	Province	Year	Month	Day	Age	Sex	Leg USGS	Leg Colour	Aux Code	Aux band type	Colour	Colour Type
81140296	Plage de l'Hôpital	QC	2003	6	11	AHY	F	R	L		tall	Blue/Purple	bi-colour
140171302	St Catherines River, KejiMP Seaside Adjunct	NS	1999	5	28	AHY	M	R	L		plastic	light green/yellow	bi-colour
140171304	St Catherines River, KejiMP Seaside Adjunct	NS	1999	5	28	AHY	M	R	L		plastic	light green/yellow	bi-colour
140171303	St Catherines River, KejiMP Seaside Adjunct	NS	1999	5	28	AHY	F	R	L		plastic	light green/yellow	bi-colour
140171306	South Kouchibouguac Dune, KouchMP	NB	1999	6	10	AHY	F	R	L		plastic	white/light blue	bi-colour
140171307	South Kouchibouguac Dune, KouchMP	NB	1999	6	10	AHY	F	R	L		plastic	white/light blue	bi-colour
140171308	South Kouchibouguac Dune, KouchMP	NB	1999	6	10	AHY	M	R	L		plastic	white/light blue	bi-colour
140171309	Pointe a Boulay	NB	1999	6	17	AHY	M	R	L		plastic	white/light blue	bi-colour
140171310	Pointe a Boulay	NB	1999	6	17	AHY	M	R	L		plastic	white/light blue	bi-colour
140171311	Pointe a Boulay	NB	1999	6	17	L	U	L	R		plastic	white/light blue	bi-colour
140171312	Pointe a Boulay	NB	1999	6	17	L	U	L	R		plastic	white/light blue	bi-colour
140171313	Pointe a Boulay	NB	1999	6	17	AHY	M	R	L		plastic	white/light blue	bi-colour
140171314	Dune de Tabusintac	NB	1999	6	18	AHY	M	R	L		plastic	white/light blue	bi-colour
140171315	Dune de Tabusintac	NB	1999	6	18	AHY	M	R	L		plastic	white/light blue	bi-colour
140171316	Dune de Tabusintac	NB	1999	6	18	L	U	L	R		plastic	white/light blue	bi-colour
140171317	Dune de Tabusintac	NB	1999	6	18	L	U	L	R		plastic	white/light blue	bi-colour
140171318	Dune de Tabusintac	NB	1999	6	18	L	U	L	R		plastic	white/light blue	bi-colour
140171319	Dune de Tabusintac	NB	1999	6	18	L	U	L	R		plastic	white/light blue	bi-colour
140171320	Dune de Tabusintac	NB	1999	6	18	AHY	F	R	L		plastic	white/light blue	bi-colour
140171321	Dunsmir Head (Southside)	NS	1999	6	25	AHY	F	R	L		plastic	light green/yellow	bi-colour
140171322	Dunsmir Head (Southside)	NS	1999	6	25	L	U	L	R		plastic	light green/yellow	bi-colour
140171323	Dunsmir Head (Southside)	NS	1999	6	25	L	U	L	R		plastic	light green/yellow	bi-colour
140171324	Dunsmir Head (Southside)	NS	1999	6	25	L	U	L	R		plastic	light green/yellow	bi-colour
140171325	Dunsmir Head (Southside)	NS	1999	6	25	L	U	L	R		plastic	light green/yellow	bi-colour
140171326	Dunsmir Head (Southside)	NS	1999	6	25	AHY	M	R	L		plastic	light green/yellow	bi-colour
140171327	Crow Neck (Baccaro)	NS	1999	6	25	L	U	L	R		plastic	light green/yellow	bi-colour
140171328	Crow Neck (Baccaro)	NS	1999	6	25	L	U	L	R		plastic	light green/yellow	bi-colour
140171329	Crow Neck (Baccaro)	NS	1999	6	25	L	U	L	R		plastic	light green/yellow	bi-colour
140171330	Crow Neck (Baccaro)	NS	1999	6	25	L	U	L	R		plastic	light green/yellow	bi-colour
140171331	Crow Neck (Baccaro)	NS	1999	6	25	L	U	L	R		plastic	light green/yellow	bi-colour
140171332	Crow Neck (Baccaro)	NS	1999	6	25	L	U	L	R		plastic	light green/yellow	bi-colour
140171333	Crow Neck (Baccaro)	NS	1999	6	25	L	U	L	R		plastic	light green/yellow	bi-colour
140171334	Crow Neck (Baccaro)	NS	1999	6	25	AHY	M	R	L		plastic	light green/yellow	bi-colour
140171335	Coveheard Harbour, PEINP	PE	1999	6	28	AHY	F	R	L		plastic	red/dark green	bi-colour
140171336	Coveheard Harbour, PEINP	PE	1999	6	28	AHY	F	R	L		plastic	red/dark green	bi-colour
140171337	Robinson's Island Sandspit, PEINP	PE	1999	6	28	L	U	L	R		plastic	red/dark green	bi-colour
140171338	Robinson's Island Sandspit, PEINP	PE	1999	6	28	L	U	L	R		plastic	red/dark green	bi-colour
140171339	Robinson's Island Sandspit, PEINP	PE	1999	6	28	L	U	L	R		plastic	red/dark green	bi-colour
140171340	Robinson's Island Sandspit, PEINP	PE	1999	6	28	AHY	M	R	L		plastic	red/dark green	bi-colour
140171341	Cavendish Sandspit, PEINP	PE	1999	6	29	L	U	L	R		plastic	red/dark green	bi-colour
140171342	Cavendish Sandspit, PEINP	PE	1999	6	29	L	U	L	R		plastic	red/dark green	bi-colour
140171343	Cavendish Sandspit, PEINP	PE	1999	6	29	L	U	L	R		plastic	red/dark green	bi-colour
140171344	Cavendish Sandspit, PEINP	PE	1999	6	29	L	U	L	R		plastic	red/dark green	bi-colour
140171345	Cavendish Sandspit, PEINP	PE	1999	6	29	AHY	F	R	L		plastic	red/dark green	bi-colour
140171346	South Kouchibouguac Dune, KouchMP	NB	1999	6	30	L	U	L	R		plastic	white/light blue	bi-colour
140171348	Pointe Sapin	NB	1999	6	30	L	U	L	R		plastic	white/light blue	bi-colour
140171351	Pointe Sapin	NB	1999	6	30	L	U	L	R		plastic	white/light blue	bi-colour
140171352	Pointe Sapin	NB	1999	6	30	L	U	L	R		plastic	white/light blue	bi-colour
140171353	North Kouchibouguac Dune, KouchMP	NB	1999	6	30	L	U	L	R		plastic	white/light blue	bi-colour
140171354	North Kouchibouguac Dune, KouchMP	NB	1999	6	30	L	U	L	R		plastic	white/light blue	bi-colour
140171355	North Kouchibouguac Dune, KouchMP	NB	1999	6	30	L	U	L	R		plastic	white/light blue	bi-colour
140171356	Cedar Road South	NB	1999	7	1	L	U	L	R		plastic	white/light blue	bi-colour
140171357	Cedar Road South	NB	1999	7	1	L	U	L	R		plastic	white/light blue	bi-colour
140171358	Cedar Road South	NB	1999	7	1	L	U	L	R		plastic	white/light blue	bi-colour
140171359	Cedar Road South	NB	1999	7	1	L	U	L	R		plastic	white/light blue	bi-colour
140171360	Cedar Road South	NB	1999	7	1	L	U	L	R		plastic	white/light blue	bi-colour
140171361	Cedar Road South	NB	1999	7	1	L	U	L	R		plastic	white/light blue	bi-colour
140171362	Cedar Road South	NB	1999	7	1	L	U	L	R		plastic	white/light blue	bi-colour
140171363	Cedar Road South	NB	1999	7	1	L	U	L	R		plastic	white/light blue	bi-colour
140171364	Cedar Road South	NB	1999	7	1	L	U	L	R		plastic	white/light blue	bi-colour
140171365	Cedar Road South	NB	1999	7	1	L	U	L	R		plastic	white/light blue	bi-colour
140171366	Bouctouche Bar	NB	1999	7	2	L	U	L	R		plastic	white/light blue	bi-colour
140171367	Bouctouche Bar	NB	1999	7	2	L	U	L	R		plastic	white/light blue	bi-colour
140171368	Bouctouche Bar	NB	1999	7	2	L	U	L	R		plastic	white/light blue	bi-colour
140171369	Bouctouche Bar	NB	1999	7	2	L	U	L	R		plastic	white/light blue	bi-colour
140171370	Bouctouche Bar	NB	1999	7	2	AHY	F	R	L		plastic	white/light blue	bi-colour
140171371	Summerville	NS	1999	7	5	AHY	M	R	L		plastic	light green/yellow	bi-colour
140171372	Summerville	NS	1999	7	5	L	U	L	R		plastic	light green/yellow	bi-colour
140171373	Summerville	NS	1999	7	5	L	U	L	R		plastic	light green/yellow	bi-colour
140171374	Summerville	NS	1999	7	5	L	U	L	R		plastic	light green/yellow	bi-colour
140171375	Carters & Wolseniak's	NS	1999	7	5	L	U	L	R		plastic	light green/yellow	bi-colour
140171376	Chaney Hill (Conrad)	NS	1999	7	5	AHY	F	R	L		plastic	light green/yellow	bi-colour
140171377	Coveheard Harbour, PEINP	PE	1999	7	12	L	U	L	R		plastic	red/dark green	bi-colour
140171378	Coveheard Harbour, PEINP	PE	1999	7	12	L	U	L	R		plastic	red/dark green	bi-colour
140171379	Coveheard Harbour, PEINP	PE	1999	7	12	L	U	L	R		plastic	red/dark green	bi-colour
140171380	Cavendish Sandspit, PEINP	PE	1999	7	12	L	U	L	R		plastic	red/dark green	bi-colour
140171381	Cavendish Sandspit, PEINP	PE	1999	7	12	L	U	L	R		plastic	red/dark green	bi-colour
140171382	Cavendish Sandspit, PEINP	PE	1999	7	12	L	U	L	R		plastic	red/dark green	bi-colour
140171383	Cavendish Sandspit, PEINP	PE	1999	7	12	L	U	L	R		plastic	red/dark green	bi-colour
140171384	Cavendish Sandspit, PEINP	PE	1999	7	12	L	U	L	R		plastic	red/dark green	bi-colour
140171385	Cavendish Sandspit, PEINP	PE	1999	7	12	L	U	L	R		plastic	red/dark green	bi-colour
140171386	Cavendish Sandspit, PEINP	PE	1999	7	12	L	U	L	R		plastic	red/dark green	bi-colour
140171387	Cavendish Sandspit, PEINP	PE	1999	7	12	L	U	L	R		plastic	red/dark green	bi-colour
140171388	Cavendish Sandspit, PEINP	PE	1999	7	12	L	U	L	R		plastic	red/dark green	bi-colour

Eastern Canada Piping Plover Banding Summary

USGS band	Beach	Province	Year	Month	Day	Age	Sex	Leg USGS	Leg Colour	Aux Code	Aux band type	Colour	Colour Type
140171389	Cavendish Sandspit, PEINP	PE	1999	7	12	L	U	L	R		plastic	red/dark green	bi-colour
140171390	Cavendish Sandspit, PEINP	PE	1999	7	12	L	U	L	R		plastic	red/dark green	bi-colour
140171391	Johnstons Pond	NS	1999	7	14	AHY	M	R	L		plastic	light green/yellow	bi-colour
140171392	Johnstons Pond	NS	1999	7	14	L	U	L	R		plastic	light green/yellow	bi-colour
140171393	Johnstons Pond	NS	1999	7	14	L	U	L	R		plastic	light green/yellow	bi-colour
140171394	Johnstons Pond	NS	1999	7	14	L	U	L	R		plastic	light green/yellow	bi-colour
140171395	Johnstons Pond	NS	1999	7	14	L	U	L	R		plastic	light green/yellow	bi-colour
140171396	Louis Head	NS	1999	7	14	L	U	L	R		plastic	light green/yellow	bi-colour
140171397	Louis Head	NS	1999	7	14	L	U	L	R		plastic	light green/yellow	bi-colour
140171398	Louis Head	NS	1999	7	14	L	U	L	R		plastic	light green/yellow	bi-colour
140171399	Sand Hills Provincial Park (Sebim)	NS	1999	7	14	L	U	L	R		plastic	light green/yellow	bi-colour
140171400	Sand Hills Provincial Park (Sebim)	NS	1999	7	14	L	U	L	R		plastic	light green/yellow	bi-colour
140171401	Summerville	NS	1999	7	14	L	U	L	R		plastic	light green/yellow	bi-colour
140171402	Ragged Harbour	NS	1999	7	14	AHY	F	R	L		plastic	light green/yellow	bi-colour
140171403	Cherry Hill (Conrad)	NS	1999	7	14	L	U	L	R		plastic	light green/yellow	bi-colour
140171404	St Catharines River, KejiNP Seaside Adjunct	NS	1999	7	15	L	U	L	R		plastic	light green/yellow	bi-colour
140171405	St Catharines River, KejiNP Seaside Adjunct	NS	1999	7	15	L	U	L	R		plastic	light green/yellow	bi-colour
140171406	Bouctouche Bar	NB	1999	7	16	L	U	L	R		plastic	white/light blue	bi-colour
140171407	Bouctouche Bar	NB	1999	7	16	L	U	L	R		plastic	white/light blue	bi-colour
140171408	Bouctouche Bar	NB	1999	7	16	L	U	L	R		plastic	white/light blue	bi-colour
140171409	Bouctouche Bar	NB	1999	7	16	L	U	L	R		plastic	white/light blue	bi-colour
140171410	Bouctouche Bar	NB	1999	7	16	L	U	L	R		plastic	white/light blue	bi-colour
140171414	Daniels Head (Southside)	NS	2000	5	24	AHY	F	R	L		plastic	light green/yellow	bi-colour
140171415	Daniels Head (Southside)	NS	2000	5	24	AHY	F	R	L		plastic	light green/yellow	bi-colour
140171416	Daniels Head (Southside)	NS	2000	5	24	AHY	M	R	L		plastic	light green/yellow	bi-colour
140171417	Daniels Head (Southside)	NS	2000	5	24	AHY	F	R	L		plastic	light green/yellow	bi-colour
140171418	Sand Hills Provincial Park (Sebim)	NS	2000	5	24	AHY	M	R	L		plastic	light green/yellow	bi-colour
140171419	Sand Hills Provincial Park (Sebim)	NS	2000	5	24	AHY	M	R	L		plastic	light green/yellow	bi-colour
140171420	Crow Neck (Baccaro)	NS	2000	5	24	AHY	F	R	L		plastic	light green/yellow	bi-colour
140171421	Round Bay & Roseway	NS	2000	5	25	AHY	F	R	L		plastic	light green/yellow	bi-colour
140171422	Robinson's Island Sandspit, PEINP	PE	2000	6	20	L	U	L	R		plastic	red/dark green	bi-colour
140171423	Robinson's Island Sandspit, PEINP	PE	2000	6	20	L	U	L	R		plastic	red/dark green	bi-colour
140171424	Robinson's Island Sandspit, PEINP	PE	2000	6	20	L	U	L	R		plastic	red/dark green	bi-colour
140171425	Robinson's Island Sandspit, PEINP	PE	2000	6	20	L	U	L	R		plastic	red/dark green	bi-colour
140171426	Cavendish Sandspit, PEINP	PE	2000	6	20	AHY	F	R	L		plastic	red/dark green	bi-colour
140171427	Rustico Island Causeway, PEINP	PE	2000	6	20	AHY	F	R	L		plastic	red/dark green	bi-colour
140171428	Greenwich, PEINP	PE	2000	6	20	AHY	F	R	L		plastic	red/dark green	bi-colour
140171429	Cavendish Sandspit, PEINP	PE	2000	6	21	AHY	M	R	L		plastic	red/dark green	bi-colour
140171430	Cavendish Sandspit, PEINP	PE	2000	6	21	AHY	F	R	L		plastic	red/dark green	bi-colour
140171431	Cedar Road South	NB	2000	6	22	L	U	L	R		plastic	white/light blue	bi-colour
140171432	Cedar Road South	NB	2000	6	22	L	U	L	R		plastic	white/light blue	bi-colour
140171433	Cedar Road South	NB	2000	6	22	L	U	L	R		plastic	white/light blue	bi-colour
140171434	Cedar Road South	NB	2000	6	22	L	U	L	R		plastic	white/light blue	bi-colour
140171435	Cedar Road South	NB	2000	6	22	AHY	M	R	L		plastic	white/light blue	bi-colour
140171436	Val Comeau	NB	2000	6	22	AHY	M	R	L		plastic	white/light blue	bi-colour
140171437	Dune de Tabusintac	NB	2000	6	23	AHY	F	R	L		plastic	white/light blue	bi-colour
140171438	Dune de Tabusintac	NB	2000	6	23	L	U	L	R		plastic	white/light blue	bi-colour
140171439	Dune de Tabusintac	NB	2000	6	23	L	U	L	R		plastic	white/light blue	bi-colour
140171440	Dune de Tabusintac	NB	2000	6	23	L	U	L	R		plastic	white/light blue	bi-colour
140171441	Dune de Tabusintac	NB	2000	6	23	AHY	M	R	L		plastic	white/light blue	bi-colour
140171442	Dune de Tabusintac	NB	2000	6	23	AHY	F	R	L		plastic	white/light blue	bi-colour
140171443	Dune de Tabusintac	NB	2000	6	23	AHY	M	R	L		plastic	white/light blue	bi-colour
140171444	Dune de Tabusintac	NB	2000	6	23	AHY	M	R	L		plastic	white/light blue	bi-colour
140171445	Dune de Tabusintac	NB	2000	6	23	L	U	L	R		plastic	white/light blue	bi-colour
140171446	Dune de Tabusintac	NB	2000	6	23	L	U	L	R		plastic	white/light blue	bi-colour
140171447	Dune de Tabusintac	NB	2000	6	23	L	U	L	R		plastic	white/light blue	bi-colour
140171448	Summerville	NS	2000	6	27	L	U	L	R		plastic	light green/yellow	bi-colour
140171449	Summerville	NS	2000	6	27	L	U	L	R		plastic	light green/yellow	bi-colour
140171450	Summerville	NS	2000	6	27	L	U	L	R		plastic	light green/yellow	bi-colour
140171451	Flat Bay Peninsula	NL	2000	6	15	L	U	L	R		plastic	pink/dark blue	bi-colour
140171452	Flat Bay Peninsula	NL	2000	6	15	L	U	L	R		plastic	pink/dark blue	bi-colour
140171453	Flat Bay Peninsula	NL	2000	6	15	AHY	F	R	L		plastic	pink/dark blue	bi-colour
140171454	Osmond Beach	NL	2000	6	16	AHY	M	R	L		plastic	pink/dark blue	bi-colour
140171455	Short Sand Beach	NL	2000	6	16	AHY	F	R	L		plastic	pink/dark blue	bi-colour
140171456	Bottles Barachois, Grand Bay West	NL	2000	6	16	AHY	M	R	L		plastic	pink/dark blue	bi-colour
140171457	Second (Rocky Barachois Bight), Grand Bay West	NL	2000	6	16	AHY	F	R	L		plastic	pink/dark blue	bi-colour
140171458	Searston	NL	2000	6	17	AHY	M	R	L		plastic	pink/dark blue	bi-colour
140171459	Little Codroy	NL	2000	6	17	AHY	F	R	L		plastic	pink/dark blue	bi-colour
140171460	Little Codroy	NL	2000	7	5	L	U	L	R		plastic	pink/dark blue	bi-colour
140171461	Little Codroy	NL	2000	7	5	L	U	L	R		plastic	pink/dark blue	bi-colour
140171462	Osmond Beach	NL	2000	7	6	L	U	L	R		plastic	pink/dark blue	bi-colour
140171463	Osmond Beach	NL	2000	7	6	L	U	L	R		plastic	pink/dark blue	bi-colour
140171464	Sandy Point, Flat Island	NL	2000	7	7	L	U	L	R		plastic	pink/dark blue	bi-colour
140171465	Flat Bay Peninsula	NL	2000	7	7	L	U	L	R		plastic	pink/dark blue	bi-colour
140171466	Flat Bay Peninsula	NL	2000	7	7	L	U	L	R		plastic	pink/dark blue	bi-colour
140171467	Flat Bay Peninsula	NL	2000	7	7	L	U	L	R		plastic	pink/dark blue	bi-colour
140171468	Flat Bay Peninsula	NL	2000	7	7	L	U	L	R		plastic	pink/dark blue	bi-colour
140171469	Flat Bay Peninsula	NL	2000	7	7	L	U	L	R		plastic	pink/dark blue	bi-colour
140171470	Flat Bay Peninsula	NL	2000	7	7	L	U	L	R		plastic	pink/dark blue	bi-colour
140171472	Sandy Point, Flat Island	NL	2000	7	7	L	U	L	R		plastic	pink/dark blue	bi-colour
140171473	Sandy Point, Flat Island	NL	2000	7	7	L	U	L	R		plastic	pink/dark blue	bi-colour
140171474	Osmond Beach	NL	2001	6	3	AHY	F	R	L	CD	short	red/dark blue	metal
140171475	Short Sand Beach	NL	2001	6	3	AHY	M	R	L	BC	short	red/dark blue	metal
140171477	Bottles Barachois, Grand Bay West	NL	2001	6	3	AHY	F	R	L	CC	short	red/dark blue	metal

Eastern Canada Piping Plover Banding Summary

USGS band	Beach	Province	Year	Month	Day	Age	Sex	Leg USGS	Leg Colour	Aux Code	Aux band type	Colour	Colour Type
140171478	Little Codroy	NL	2001	6	4	AHY	M	R	L	AN	short	red/dark blue	metal
140171479	Stephenville Crossing	NL	2001	6	25	AHY	M	R	L	CX	short	red/dark blue	metal
140171480	Big Barachois, Grand Bay West	NL	2001	6	26	AHY	F	R	L	CY	short	red/dark blue	metal
140171481	Bay West	NL	2001	6	27	AHY	M	R	L	AA	short	red/dark blue	metal
140171482	Short Sand Beach	NL	2001	6	28	AHY	F	R	L	BH	short	red/dark blue	metal
140171483	Bay West	NL	2001	7	3	L	U	L	R	CM	short	red/dark blue	metal
140171484	Bay West	NL	2001	7	3	L	U	L	R	CK	short	red/dark blue	metal
140171485	Bay West	NL	2001	7	3	L	U	L	R	BH	short	red/dark blue	metal
140171486	Bay West	NL	2001	7	3	L	U	L	R	EA	short	red/dark blue	metal
140171487	Bottles Barachois, Grand Bay West	NL	2001	7	3	L	U	L	R	DP	short	red/dark blue	metal
140171488	Bottles Barachois, Grand Bay West	NL	2001	7	3	L	U	L	R	BB	short	red/dark blue	metal
140171489	Bottles Barachois, Grand Bay West	NL	2001	7	3	L	U	L	R	BZ	short	red/dark blue	metal
140171490	Bottles Barachois, Grand Bay West	NL	2001	7	3	AHY	M	R	L	DY	short	red/dark blue	metal
140171491	Big Barachois, Grand Bay West	NL	2001	7	3	L	U	L	R	DB	short	red/dark blue	metal
140171492	Big Barachois, Grand Bay West	NL	2001	7	3	L	U	L	R	BV	short	red/dark blue	metal
140171493	Big Barachois, Grand Bay West	NL	2001	7	3	L	U	L	R	CP	short	red/dark blue	metal
140171494	Big Barachois, Grand Bay West	NL	2001	7	3	L	U	L	R	AC	short	red/dark blue	metal
140171495	Ormond Beach	NL	2001	7	4	L	U	L	R	CB	short	red/dark blue	metal
140171496	Ormond Beach	NL	2001	7	4	L	U	L	R	BM	short	red/dark blue	metal
140171497	Ormond Beach	NL	2001	7	4	L	U	L	R	DR	short	red/dark blue	metal
140171498	Stephenville Crossing	NL	2001	7	4	AHY	F	R	L	AB	short	red/dark blue	metal
140171499	Sandy Point, Flat Island	NL	2001	7	6	L	U	L	R	AD	short	red/dark blue	metal
140171500	Sandy Point, Flat Island	NL	2001	7	6	L	U	L	R	AE	short	red/dark blue	metal
140178001	Summerville	NS	2000	6	27	L	U	L	R		plastic	light green/yellow	bi-colour
140178002	Carters & Wohamkek	NS	2000	6	27	AHY	F	R	L		plastic	light green/yellow	bi-colour
140178003	Carters & Wohamkek	NS	2000	6	27	AHY	F	R	L		plastic	light green/yellow	bi-colour
140178004	Carters & Wohamkek	NS	2000	6	27	AHY	M	R	L		plastic	light green/yellow	bi-colour
140178005	Sandy Bay	NS	2000	6	27	AHY	F	R	L		plastic	light green/yellow	bi-colour
140178006	Johnstons Pond	NS	2000	6	27	L	U	L	R		plastic	light green/yellow	bi-colour
140178007	Johnstons Pond	NS	2000	6	27	L	U	L	R		plastic	light green/yellow	bi-colour
140178008	Johnstons Pond	NS	2000	6	27	L	U	L	R		plastic	light green/yellow	bi-colour
140178009	Johnstons Pond	NS	2000	6	27	L	U	L	R		plastic	light green/yellow	bi-colour
140178010	Advocate	NS	2000	6	28	AHY	F	R	L		plastic	light green/yellow	bi-colour
140178011	Advocate	NS	2000	6	28	AHY	F	R	L		plastic	light green/yellow	bi-colour
140178012	Advocate	NS	2000	6	28	L	U	L	R		plastic	light green/yellow	bi-colour
140178013	Advocate	NS	2000	6	28	L	U	L	R		plastic	light green/yellow	bi-colour
140178014	Advocate	NS	2000	6	28	L	U	L	R		plastic	light green/yellow	bi-colour
140178015	Advocate	NS	2000	6	28	L	U	L	R		plastic	light green/yellow	bi-colour
140178016	Crow Neck (Baccaro)	NS	2000	6	28	L	U	L	R		plastic	light green/yellow	bi-colour
140178017	Crow Neck (Baccaro)	NS	2000	6	28	L	U	L	R		plastic	light green/yellow	bi-colour
140178018	Crow Neck (Baccaro)	NS	2000	6	28	L	U	L	R		plastic	light green/yellow	bi-colour
140178019	Crow Neck (Baccaro)	NS	2000	6	28	L	U	L	R		plastic	light green/yellow	bi-colour
140178020	Crow Neck (Baccaro)	NS	2000	6	28	AHY	M	R	L		plastic	light green/yellow	bi-colour
140178021	Sand Hills Provincial Park (Sebim)	NS	2000	6	28	AHY	F	R	L		plastic	light green/yellow	bi-colour
140178022	Dunnals Head (Southside)	NS	2000	6	29	AHY	F	R	L		plastic	light green/yellow	bi-colour
140178023	Dunnals Head (Southside)	NS	2000	6	29	AHY	F	R	L		plastic	light green/yellow	bi-colour
140178024	Dunnals Head (Southside)	NS	2000	6	30	L	U	L	R		plastic	light green/yellow	bi-colour
140178025	Dunnals Head (Southside)	NS	2000	6	30	L	U	L	R		plastic	light green/yellow	bi-colour
140178026	Dunnals Head (Southside)	NS	2000	6	30	L	U	L	R		plastic	light green/yellow	bi-colour
140178027	Dunnals Head (Southside)	NS	2000	6	30	AHY	M	R	L		plastic	light green/yellow	bi-colour
140178028	Boucherie Bar	NB	2000	7	11	AHY	F	R	L		plastic	white/light blue	bi-colour
140178029	Boucherie Bar	NB	2000	7	11	AHY	F	R	L		plastic	white/light blue	bi-colour
140178030	North Kouchibouguac Dune, KouchNP	NB	2000	7	11	L	U	L	R		plastic	white/light blue	bi-colour
140178031	North Kouchibouguac Dune, KouchNP	NB	2000	7	11	L	U	L	R		plastic	white/light blue	bi-colour
140178032	North Kouchibouguac Dune, KouchNP	NB	2000	7	11	L	U	L	R		plastic	white/light blue	bi-colour
140178033	Covehead Harbour, PEINP	PE	2000	7	13	L	U	L	R		plastic	red/dark green	bi-colour
140178034	Covehead Harbour, PEINP	PE	2000	7	13	L	U	L	R		plastic	red/dark green	bi-colour
140178035	Covehead Harbour, PEINP	PE	2000	7	13	L	U	L	R		plastic	red/dark green	bi-colour
140178036	Covehead Harbour, PEINP	PE	2000	7	13	AHY	F	R	L		plastic	red/dark green	bi-colour
140178037	Rustico Island Causeway, PEINP	PE	2000	7	13	L	U	L	R		plastic	red/dark green	bi-colour
140178038	Bloomung Point, PEINP	PE	2000	7	13	AHY	F	R	L		plastic	red/dark green	bi-colour
140178039	Bloomung Point, PEINP	PE	2000	7	13	AHY	F	R	L		plastic	red/dark green	bi-colour
140178040	Cavendish Sandspit, PEINP	PE	2000	7	13	AHY	F	R	L		plastic	red/dark green	bi-colour
140178041	Dune de Negnac	NB	2000	7	14	L	U	L	R		plastic	white/light blue	bi-colour
140178042	Dune de Negnac	NB	2000	7	14	L	U	L	R		plastic	white/light blue	bi-colour
140178043	Dune de Negnac	NB	2000	7	14	L	U	L	R		plastic	white/light blue	bi-colour
140178044	Dune de Negnac	NB	2000	7	14	L	U	L	R		plastic	white/light blue	bi-colour
140178045	Dune de Negnac	NB	2000	7	14	L	U	L	R		plastic	white/light blue	bi-colour
140178046	Dune de Negnac	NB	2000	7	14	L	U	L	R		plastic	white/light blue	bi-colour
140178047	Dune de Negnac	NB	2000	7	14	L	U	L	R		plastic	white/light blue	bi-colour
140178048	Dune de Negnac	NB	2000	7	14	L	U	L	R		plastic	white/light blue	bi-colour
140178049	Dune de Negnac	NB	2000	7	14	L	U	L	R		plastic	white/light blue	bi-colour
140178050	Dune de Negnac	NB	2000	7	14	L	U	L	R		plastic	white/light blue	bi-colour
140178051	Dune de Negnac	NB	2000	7	14	L	U	L	R		plastic	white/light blue	bi-colour
140178052	Dune de Negnac	NB	2000	7	14	L	U	L	R		plastic	white/light blue	bi-colour
140178053	Dune de Negnac	NB	2000	7	14	L	U	L	R		plastic	white/light blue	bi-colour
140178054	Dune de Negnac	NB	2000	7	14	L	U	L	R		plastic	white/light blue	bi-colour
140178055	Dunnals Head (Southside)	NS	2000	7	17	L	U	L	R		plastic	light green/yellow	bi-colour
140178056	Dunnals Head (Southside)	NS	2000	7	17	L	U	L	R		plastic	light green/yellow	bi-colour
140178057	Dunnals Head (Southside)	NS	2000	7	17	L	U	L	R		plastic	light green/yellow	bi-colour

USGS band	Beach	Province	Year	Month	Day	Age	Sex	Leg USGS	Leg Colour	Aux Code	Aux band type	Colour	Colour Type
140178058	Daniels Head (Southside)	NS	2000	7	17	L	U	L	R		plastic	light green/yellow	bi-colour
140178059	Crow Neck (Baccaro)	NS	2000	7	17	L	U	L	R		plastic	light green/yellow	bi-colour
140178060	Crow Neck (Baccaro)	NS	2000	7	17	L	U	L	R		plastic	light green/yellow	bi-colour
140178061	Crow Neck (Baccaro)	NS	2000	7	17	L	U	L	R		plastic	light green/yellow	bi-colour
140178062	Crow Neck (Baccaro)	NS	2000	7	17	L	U	L	R		plastic	light green/yellow	bi-colour
140178063	Crow Neck (Baccaro)	NS	2000	7	17	L	U	L	R		plastic	light green/yellow	bi-colour
140178064	Crow Neck (Baccaro)	NS	2000	7	17	L	U	L	R		plastic	light green/yellow	bi-colour
140178065	Sandy Bay	NS	2000	7	17	L	U	L	R		plastic	light green/yellow	bi-colour
140178066	Sandy Bay	NS	2000	7	17	L	U	L	R		plastic	light green/yellow	bi-colour
140178067	Sandy Bay	NS	2000	7	17	L	U	L	R		plastic	light green/yellow	bi-colour
140178068	St Catherines River, KejiNP Seaside Adjunct	NS	2000	7	18	L	U	L	R		plastic	light green/yellow	bi-colour
140178069	St Catherines River, KejiNP Seaside Adjunct	NS	2000	7	18	L	U	L	R		plastic	light green/yellow	bi-colour
140178070	St Catherines River, KejiNP Seaside Adjunct	NS	2000	7	18	L	U	L	R		plastic	light green/yellow	bi-colour
140178071	St Catherines River, KejiNP Seaside Adjunct	NS	2000	7	18	L	U	L	R		plastic	light green/yellow	bi-colour
140178072	St Catherines River, KejiNP Seaside Adjunct	NS	2000	7	18	L	U	L	R		plastic	light green/yellow	bi-colour
140178073	St Catherines River, KejiNP Seaside Adjunct	NS	2000	7	18	L	U	L	R		plastic	light green/yellow	bi-colour
140178074	St Catherines River, KejiNP Seaside Adjunct	NS	2000	7	18	L	U	L	R		plastic	light green/yellow	bi-colour
140178075	St Catherines River, KejiNP Seaside Adjunct	NS	2000	7	18	L	U	L	R		plastic	light green/yellow	bi-colour
140178076	St Catherines River, KejiNP Seaside Adjunct	NS	2000	7	18	L	U	L	R		plastic	light green/yellow	bi-colour
140178077	St Catherines River, KejiNP Seaside Adjunct	NS	2000	7	18	L	U	L	R		plastic	light green/yellow	bi-colour
140178078	St Catherines River, KejiNP Seaside Adjunct	NS	2000	7	18	L	U	L	R		plastic	light green/yellow	bi-colour
140178079	Bouctouche Bar	NB	2000	7	20	L	U	L	R		plastic	white/light blue	bi-colour
140178080	Bouctouche Bar	NB	2000	7	20	L	U	L	R		plastic	white/light blue	bi-colour
140178081	Bouctouche Bar	NB	2000	7	20	L	U	L	R		plastic	white/light blue	bi-colour
140178082	Bouctouche Bar	NB	2000	7	20	L	U	L	R		plastic	white/light blue	bi-colour
140178083	Bouctouche Bar	NB	2000	7	20	L	U	L	R		plastic	white/light blue	bi-colour
140178084	Bouctouche Bar	NB	2000	7	20	L	U	L	R		plastic	white/light blue	bi-colour
140178085	Bouctouche Bar	NB	2000	7	20	L	U	L	R		plastic	white/light blue	bi-colour
140178086	South Kouchibouguac Dune, KouchNP	NB	2000	7	20	L	U	L	R		plastic	white/light blue	bi-colour
140178087	Covehead Harbour, PEINP	PE	2000	7	21	L	U	L	R		plastic	red/dark green	bi-colour
140178088	Covehead Harbour, PEINP	PE	2000	7	21	L	U	L	R		plastic	red/dark green	bi-colour
140178089	Covehead Harbour, PEINP	PE	2000	7	21	L	U	L	R		plastic	red/dark green	bi-colour
140178090	Covehead Harbour, PEINP	PE	2000	7	21	L	U	L	R		plastic	red/dark green	bi-colour
140178091	Covehead Harbour, PEINP	PE	2000	7	21	L	U	L	R		plastic	red/dark green	bi-colour
140178092	Cavendish Sandspit, PEINP	PE	2000	7	21	L	U	L	R		plastic	red/dark green	bi-colour
140178093	Cavendish Sandspit, PEINP	PE	2000	7	21	L	U	L	R		plastic	red/dark green	bi-colour
140178094	Cavendish Sandspit, PEINP	PE	2000	7	21	L	U	L	R		plastic	red/dark green	bi-colour
140178095	Cavendish Sandspit, PEINP	PE	2000	7	21	L	U	L	R		plastic	red/dark green	bi-colour
140178096	Cavendish Sandspit, PEINP	PE	2001	5	24	AHY	M	R	L	DS	short	red/green	metal
140178097	Cavendish Sandspit, PEINP	PE	2001	5	24	AHY	F	R	L	AA	short	red/green	metal
140178098	Robinson's Island Sandspit, PEINP	PE	2001	5	25	AHY	F	R	L	BB	short	red/green	metal
140178099	Dune de Negnac	NB	2000	7	14	L	U	L	R		plastic	white/light blue	bi-colour
140178100	Dune de Negnac	NB	2000	7	14	L	U	L	R		plastic	white/light blue	bi-colour
140178101	Covehead Harbour, PEINP	PE	2001	5	25	AHY	M	R	L	AE	short	red/green	metal
140178102	Greenwich, PEINP	PE	2001	5	25	AHY	M	R	L	AZ	short	red/green	metal
140178103	Cousins Pond	PE	2001	6	5	AHY	F	R	L	DM	short	red/green	metal
140178104	Portage Island National Wildlife Area	NB	2001	6	7	AHY	M	R	L	EE	short	blue/green	metal
140178105	Cedar Road South	NB	2001	6	7	AHY	F	R	L	BE	short	blue/green	metal
140178106	South Kouchibouguac Dune, KouchNP	NB	2001	6	11	AHY	M	R	L	CA	short	blue/green	metal
140178107	Portage River Dune, KouchNP	NB	2001	6	11	AHY	M	R	L	AV	short	blue/green	metal
140178108	Pointe Sapin Dune, KouchNP	NB	2001	6	11	AHY	F	R	L	HZ	short	blue/green	metal
140178109	Fox Bar	NS	2001	6	21	L	U	L	R	BH	short	red/black	metal
140178110	Fox Bar	NS	2001	6	21	L	U	L	R	AR	short	red/black	metal
140178111	Fox Bar	NS	2001	6	21	L	U	L	R	AH	short	red/black	metal
140178112	Fox Bar	NS	2001	6	21	L	U	L	R	CP	short	red/black	metal
140178113	Crow Neck (Baccaro)	NS	2001	6	21	AHY	M	R	L	DA	short	red/black	metal
140178114	The Hawk	NS	2001	6	21	L	U	L	R	EW	short	red/black	metal
140178115	The Hawk	NS	2001	6	21	L	U	L	R	AE	short	red/black	metal
140178116	The Hawk	NS	2001	6	21	L	U	L	R	CY	short	red/black	metal
140178117	St Catherines River, KejiNP Seaside Adjunct	NS	2001	6	22	AHY	F	R	L	DC	short	red/black	metal
140178118	St Catherines River, KejiNP Seaside Adjunct	NS	2001	6	22	AHY	M	R	L	EU	short	red/black	metal
140178119	St Catherines River, KejiNP Seaside Adjunct	NS	2001	6	22	L	U	L	R	BV	short	red/black	metal
140178120	St Catherines River, KejiNP Seaside Adjunct	NS	2001	6	22	L	U	L	R	AW	short	red/black	metal
140178121	Cabot Provincial Park	PE	2001	6	25	AHY	M	R	L	CW	short	red/green	metal
140178122	Dunsley Point	PE	2001	6	25	AHY	F	R	L	BM	short	red/green	metal
140178123	St Peters Harbour	PE	2001	6	25	L	U	L	R	AX	short	red/green	metal
140178124	St Peters Harbour	PE	2001	6	25	L	U	L	R	AH	short	red/green	metal
140178125	St Peters Harbour	PE	2001	6	25	L	U	L	R	BV	short	red/green	metal
140178126	St Peters Harbour	PE	2001	6	25	L	U	L	R	DV	short	red/green	metal
140178127	St Peters Harbour	PE	2001	6	25	L	U	L	R	DP	short	red/green	metal
140178128	Savage Harbour	PE	2001	6	25	AHY	F	R	L	AD	short	red/green	metal
140178129	Covehead Harbour, PEINP	PE	2001	6	26	L	U	L	R	CB	short	red/green	metal
140178130	Covehead Harbour, PEINP	PE	2001	6	26	L	U	L	R	DH	short	red/green	metal
140178131	Covehead Harbour, PEINP	PE	2001	6	26	L	U	L	R	DB	short	red/green	metal

USGS band	Beach	Province	Year	Month	Day	Age	Sex	Leg USGS	Leg Colour	Aux Code	Aux band type	Colour	Colour Type
140178132	Covehead Harbour, PEINP	PE	2001	6	26	L	U	L	R	DW	short	red/green	metal
140178133	Covehead Harbour, PEINP	PE	2001	6	26	L	U	L	R	BR	short	red/green	metal
140178134	Covehead Harbour, PEINP	PE	2001	6	26	L	U	L	R	BH	short	red/green	metal
140178135	Cavendish Sandspit, PEINP	PE	2001	6	26	L	U	L	R	CS	short	red/green	metal
140178136	Cavendish Sandspit, PEINP	PE	2001	6	26	AHY	F	R	L	AC	short	red/green	metal
140178137	Cavendish Sandspit, PEINP	PE	2001	6	26	L	U	L	R	AR	short	red/green	metal
140178138	Cavendish Sandspit, PEINP	PE	2001	6	26	L	U	L	R	AV	short	red/green	metal
140178139	Cavendish Sandspit, PEINP	PE	2001	6	26	L	U	L	R	CN	short	red/green	metal
140178140	Cavendish Sandspit, PEINP	PE	2001	6	26	L	U	L	R	DK	short	red/green	metal
140178141	Cavendish Sandspit, PEINP	PE	2001	6	26	AHY	M	R	L	CY	short	red/green	metal
140178142	Bloomung Point, PEINP	PE	2001	6	27	L	U	L	R	BD	short	red/green	metal
140178143	Bloomung Point, PEINP	PE	2001	6	27	L	U	L	R	CP	short	red/green	metal
140178144	Bloomung Point, PEINP	PE	2001	6	27	L	U	L	R	DZ	short	red/green	metal
140178145	Bloomung Point, PEINP	PE	2001	6	27	L	U	L	R	DC	short	red/green	metal
140178146	Bloomung Point, PEINP	PE	2001	6	27	AHY	F	R	L	BY	short	red/green	metal
140178147	Canavoy	PE	2001	6	27	AHY	M	R	L	DU	short	red/green	metal
140178148	Canavoy	PE	2001	6	27	AHY	F	R	L	BX	short	red/green	metal
140178149	Canavoy	PE	2001	6	27	L	U	L	R	BC	short	red/green	metal
140178150	Canavoy	PE	2001	6	27	L	U	L	R	AS	short	red/green	metal
140178151	Dunnis Head (Southside)	NS	2001	5	29	AHY	M	R	L	AX	short	red/black	metal
140178152	Dunnis Head (Southside)	NS	2001	5	29	AHY	M	R	L	DD	short	red/black	metal
140178153	Dunnis Head (Southside)	NS	2001	5	29	AHY	M	R	L	EA	short	red/black	metal
140178154	Crow Neck (Baccaro)	NS	2001	5	29	AHY	M	R	L	DS	short	red/black	metal
140178155	Crow Neck (Baccaro)	NS	2001	5	29	AHY	F	R	L	BY	short	red/black	metal
140178156	Dunnis Head (Southside)	NS	2001	5	30	AHY	F	R	L	CH	short	red/black	metal
140178157	Dunnis Head (Southside)	NS	2001	5	30	AHY	M	R	L	EX	short	red/black	metal
140178158	Stoney Island	NS	2001	5	30	AHY	M	R	L	BM	short	red/black	metal
140178159	Crow Neck (Baccaro)	NS	2001	5	30	AHY	F	R	L	EZ	short	red/black	metal
140178160	Ragged Harbour	NS	2001	5	31	AHY	M	R	L	BD	short	red/black	metal
140178161	Cherry Hill (Conrad)	NS	2001	5	31	AHY	M	R	L	EN	short	red/black	metal
140178162	Cherry Hill (Conrad)	NS	2001	6	5	AHY	F	R	L	DR	short	red/black	metal
140178164	Cherry Hill (Conrad)	NS	2001	6	5	AHY	F	R	L	AB	short	red/black	metal
140178165	Bouctouche Bar	NB	2001	6	11	AHY	M	R	L	CV	short	blue/green	metal
140178166	Cedar Road South	NB	2001	6	18	L	U	L	R	DD	short	blue/green	metal
140178167	Cedar Road South	NB	2001	6	18	L	U	L	R	DZ	short	blue/green	metal
140178168	Cedar Road South	NB	2001	6	18	L	U	L	R	CY	short	blue/green	metal
140178169	Cedar Road South	NB	2001	6	18	AHY	F	R	L	AX	short	blue/green	metal
140178170	Cedar Road South	NB	2001	6	18	L	U	L	R	EW	short	blue/green	metal
140178171	Cedar Road South	NB	2001	6	18	L	U	L	R	DM	short	blue/green	metal
140178172	Cedar Road South	NB	2001	6	18	L	U	L	R	BW	short	blue/green	metal
140178173	Dune de Tabusintac	NB	2001	6	18	L	U	L	R	AM	short	blue/green	metal
140178174	Dune de Tabusintac	NB	2001	6	18	L	U	L	R	AZ	short	blue/green	metal
140178175	Dune de Tabusintac	NB	2001	6	18	L	U	L	R	BM	short	blue/green	metal
140178176	Dune de Tabusintac	NB	2001	6	18	L	U	L	R	AS	short	blue/green	metal
140178177	Dune de Tabusintac	NB	2001	6	18	AHY	F	R	L	EH	short	blue/green	metal
140178178	Tracadie Dune	NB	2001	6	19	L	U	L	R	DC	short	blue/green	metal
140178179	Tracadie Dune	NB	2001	6	19	L	U	L	R	DB	short	blue/green	metal
140178180	Tracadie Dune	NB	2001	6	19	L	U	L	R	BK	short	blue/green	metal
140178181	Tracadie Dune	NB	2001	6	19	L	U	L	R	HD	short	blue/green	metal
140178182	Tracadie Dune	NB	2001	6	19	AHY	M	R	L	HC	short	blue/green	metal
140178183	Tracadie Dune	NB	2001	6	19	L	U	L	R	ER	short	blue/green	metal
140178184	Tracadie Dune	NB	2001	6	19	L	U	L	R	CE	short	blue/green	metal
140178185	Tracadie Dune	NB	2001	6	19	L	U	L	R	EU	short	blue/green	metal
140178186	Tracadie Dune	NB	2001	6	19	L	U	L	R	BH	short	blue/green	metal
140178187	Tracadie Dune	NB	2001	6	19	AHY	F	R	L	AC	short	blue/green	metal
140178188	Pointe a Barreau	NB	2001	6	19	AHY	F	R	L	CK	short	blue/green	metal
140178189	Pointe a Barreau	NB	2001	6	19	AHY	M	R	L	HN	short	blue/green	metal
140178190	Chockpish	NB	2001	6	19	L	U	L	R	DR	short	blue/green	metal
140178191	Chockpish	NB	2001	6	19	L	U	L	R	ES	short	blue/green	metal
140178192	Chockpish	NB	2001	6	19	L	U	L	R	DK	short	blue/green	metal
140178193	Cherry Hill (Conrad)	NS	2001	6	20	L	U	L	R	DB	short	red/black	metal
140178194	Cherry Hill (Conrad)	NS	2001	6	20	L	U	L	R	EB	short	red/black	metal
140178195	Cherry Hill (Conrad)	NS	2001	6	20	L	U	L	R	HC	short	red/black	metal
140178196	Cherry Hill (Conrad)	NS	2001	6	20	AHY	F	R	L	HB	short	red/black	metal
140178197	Cherry Hill (Conrad)	NS	2001	6	20	L	U	L	R	CZ	short	red/black	metal
140178198	Summerville	NS	2001	6	21	AHY	M	R	L	EP	short	red/black	metal
140178199	Johnstons Pond	NS	2001	6	21	AHY	M	R	L	EE	short	red/black	metal
140178200	Fox Bar	NS	2001	6	21	AHY	F	R	L	BK	short	red/black	metal
140178202	Canavoy	PE	2001	6	27	L	U	L	R	CD	short	red/green	metal
140178203	Canavoy	PE	2001	6	27	L	U	L	R	CA	short	red/green	metal
140178204	Canavoy	PE	2001	6	27	L	U	L	R	DA	short	red/green	metal
140178205	Canavoy	PE	2001	6	27	L	U	L	R	BE	short	red/green	metal
140178206	Canavoy	PE	2001	6	27	L	U	L	R	CK	short	red/green	metal
140178207	Cape Jourimain National Wildlife Area	NB	2001	6	27	AHY	M	R	L	EX	short	blue/green	metal
140178208	Portage River Dune, KouchNP	NB	2001	6	28	L	U	L	R	BD	short	blue/green	metal
140178209	Portage River Dune, KouchNP	NB	2001	6	28	L	U	L	R	EB	short	blue/green	metal
140178210	Portage River Dune, KouchNP	NB	2001	6	28	L	U	L	R	CR	short	blue/green	metal
140178211	Portage River Dune, KouchNP	NB	2001	6	28	L	U	L	R	HP	short	blue/green	metal
140178212	Portage River Dune, KouchNP	NB	2001	6	28	L	U	L	R	BS	short	blue/green	metal
140178213	Portage River Dune, KouchNP	NB	2001	6	28	L	U	L	R	DX	short	blue/green	metal
140178214	North Kouchibouguac Dune, KouchNP	NB	2001	6	28	AHY	F	R	L	CP	short	blue/green	metal
140178215	North Kouchibouguac Dune, KouchNP	NB	2001	6	28	L	U	L	R	AH	short	blue/green	metal
140178216	North Kouchibouguac Dune, KouchNP	NB	2001	6	28	L	U	L	R	EC	short	blue/green	metal
140178217	North Kouchibouguac Dune, KouchNP	NB	2001	6	28	L	U	L	R	DY	short	blue/green	metal
140178218	North Kouchibouguac Dune, KouchNP	NB	2001	6	28	L	U	L	R	FU	short	blue/green	metal
140178219	Pointe Sapin Dune, KouchNP	NB	2001	6	28	L	U	L	R	BA	short	blue/green	metal
140178220	Pointe Sapin Dune, KouchNP	NB	2001	6	28	L	U	L	R	EE	short	blue/green	metal
140178221	Bouctouche Bar	NB	2001	6	29	L	U	L	R	BC	short	blue/green	metal

USGS band	Beach	Province	Year	Month	Day	Age	Sex	Leg USGS	Leg Colour	Aux Code	Aux band type	Colour	Colour Type
140178222	Bouctouche Bar	NB	2001	6	29	L	U	L	R	HB	short	blue/green	metal
140178223	Bouctouche Bar	NB	2001	6	29	L	U	L	R	AN	short	blue/green	metal
140178224	Bouctouche Bar	NB	2001	6	29	L	U	L	R	DH	short	blue/green	metal
140178225	Bouctouche Bar	NB	2001	6	29	L	U	L	R	BP	short	blue/green	metal
140178226	Bouctouche Bar	NB	2001	6	29	L	U	L	R	BV	short	blue/green	metal
140178227	Bouctouche Bar	NB	2001	6	29	L	U	L	R	BH	short	blue/green	metal
140178228	Bouctouche Bar	NB	2001	6	29	L	U	L	R	CH	short	blue/green	metal
140178229	Bouctouche Bar	NB	2001	6	29	AHY	M	R	L	BX	short	blue/green	metal
140178230	Bouctouche Bar	NB	2001	6	29	AHY	M	R	L	EV	short	blue/green	metal
140178231	Greenwich, PEINP	PE	2001	7	10	AHY	F	R	L	CX	short	red/green	metal
140178232	Hawk Point	NS	2001	7	16	L	U	L	R	BC	short	red/black	metal
140178233	Cape Jourimain National Wildlife Area	NB	2001	7	9	AHY	F	R	L	DS	short	blue/green	metal
140178234	Savage Harbour	PE	2001	7	10	L	U	L	R	CE	short	red/green	metal
140178235	Canavoy	PE	2001	7	10	L	U	L	R	AP	short	red/green	metal
140178236	Savage Harbour	PE	2001	7	10	L	U	L	R	DX	short	red/green	metal
140178237	Savage Harbour	PE	2001	7	10	L	U	L	R	DR	short	red/green	metal
140178238	Savage Harbour	PE	2001	7	10	L	U	L	R	CV	short	red/green	metal
140178239	St Peters Lake Run	PE	2001	7	10	AHY	M	R	L	BN	short	red/green	metal
140178240	Hawk Point	NS	2001	7	16	L	U	L	R	CX	short	red/black	metal
140178241	Sand Hills Provincial Park (Sekm)	NS	2001	7	16	AHY	M	R	L	DV	short	red/black	metal
140178242	Crow Neck (Baccaro)	NS	2001	7	16	L	U	L	R	BW	short	red/black	metal
140178243	Crow Neck (Baccaro)	NS	2001	7	16	L	U	L	R	CD	short	red/black	metal
140178244	Crow Neck (Baccaro)	NS	2001	7	16	L	U	L	R	CS	short	red/black	metal
140178245	Round Bay & Roseway	NS	2001	7	16	L	U	L	R	BU	short	red/black	metal
140178246	Round Bay & Roseway	NS	2001	7	16	L	U	L	R	EC	short	red/black	metal
140178247	Round Bay & Roseway	NS	2001	7	16	L	U	L	R	EX	short	red/black	metal
140178248	Fox Bar	NS	2001	7	16	L	U	L	R	CE	short	red/black	metal
140178249	Fox Bar	NS	2001	7	16	L	U	L	R	AZ	short	red/black	metal
140178250	Round Bay & Roseway	NS	2001	7	16	AHY	M	R	L	HK	short	red/black	metal
140178258	Red Head	NS	2002	6	5	AHY	M	R	L	H/X	tall	red/black	metal
140178259	Red Head	NS	2002	6	5	AHY	M	R	L	H/A	tall	red/black	metal
140178260	Stoney Island	NS	2002	6	9	AHY	F	R	L	K/B	tall	red/black	metal
140178261	Bouctouche Bar	NB	2002	6	11	AHY	F	R	L	E/N	tall	blue/green	metal
140178262	Cavendish Sandspit, PEINP	PE	2002	6	12	AHY	M	R	L	A/M	tall	red/green	metal
140178263	Canavoy	PE	2002	6	13	AHY	M	R	L	A/H	tall	red/green	metal
140178264	Canavoy	PE	2002	6	13	AHY	F	R	L	E/C	tall	red/green	metal
140178265	Canavoy	PE	2002	6	13	AHY	M	R	L	C/U	tall	red/green	metal
140178266	St Peters Lake Run	PE	2002	6	13	AHY	M	R	L	E/Y	tall	red/green	metal
140178267	St Peters Harbour	PE	2002	6	13	AHY	F	R	L	B/M	tall	red/green	metal
140178268	Portage Island National Wildlife Area	NB	2002	6	14	AHY	M	R	L	E/P	tall	blue/green	metal
140178269	Portage Island National Wildlife Area	NB	2002	6	14	AHY	M	R	L	B/P	tall	blue/green	metal
140178270	Val Comeau	NB	2002	6	14	AHY	F	R	L	C/H	tall	blue/green	metal
140178271	Cherry Hill (Conrad)	NS	2002	6	17	L	U	L	R	A/A	tall	red/black	metal
140178272	Cherry Hill (Conrad)	NS	2002	6	17	L	U	L	R	H/M	tall	red/black	metal
140178273	Cherry Hill (Conrad)	NS	2002	6	17	L	U	L	R	E/W	tall	red/black	metal
140178274	Cherry Hill (Conrad)	NS	2002	6	17	L	U	L	R	A/Z	tall	red/black	metal
140178275	Ragged Harbour	NS	2002	6	17	AHY	F	R	L	C/K	tall	red/black	metal
140178276	Crow Neck (Baccaro)	NS	2002	6	18	L	U	L	R	B/M	tall	red/black	metal
140178277	Crow Neck (Baccaro)	NS	2002	6	18	L	U	L	R	C/W	tall	red/black	metal
140178278	Crow Neck (Baccaro)	NS	2002	6	18	L	U	L	R	E/V	tall	red/black	metal
140178279	Crow Neck (Baccaro)	NS	2002	6	18	L	U	L	R	A/V	tall	red/black	metal
140178280	Portage River Dune, KouchNP	NB	2002	6	19	AHY	F	R	L	E/E	tall	blue/green	metal
140178281	Portage River Dune, KouchNP	NB	2002	6	19	L	U	L	R	C/Y	tall	blue/green	metal
140178282	Portage River Dune, KouchNP	NB	2002	6	19	L	U	L	R	H/X	tall	blue/green	metal
140178283	Portage River Dune, KouchNP	NB	2002	6	19	L	U	L	R	A/R	tall	blue/green	metal
140178284	Portage River Dune, KouchNP	NB	2002	6	19	L	U	L	R	A/N	tall	blue/green	metal
140178285	South Kouchibouguac Dune, KouchNP	NB	2002	6	19	AHY	F	R	L	K/A	tall	blue/green	metal
140178286	Pointe a Boulean	NB	2002	6	20	AHY	M	R	L	B/H	tall	blue/green	metal
140178287	Tracadie Dune	NB	2002	6	20	AHY	M	R	L	A/K	tall	blue/green	metal
140178288	Tracadie Dune	NB	2002	6	20	AHY	F	R	L	H/C	tall	blue/green	metal
140178289	Tracadie Dune	NB	2002	6	20	AHY	M	R	L	A/U	tall	blue/green	metal
140178290	Pointe a Boulean	NB	2002	6	20	AHY	F	R	L	B/A	tall	blue/green	metal
140178291	Tracadie Dune	NB	2002	6	21	AHY	M	R	L	K/M	tall	blue/green	metal
140178292	Tracadie Dune	NB	2002	6	21	AHY	M	R	L	B/Y	tall	blue/green	metal
140178293	Tracadie Dune	NB	2002	6	21	AHY	M	R	L	K/K	tall	blue/green	metal
140178294	St Peters Lake Run	PE	2002	6	25	L	U	L	R	C/W	tall	red/green	metal
140178296	St Peters Lake Run	PE	2002	6	25	L	U	L	R	C/V	tall	red/green	metal
140178297	St Peters Lake Run	PE	2002	6	25	L	U	L	R	A/V	tall	red/green	metal
140178298	St Peters Lake Run	PE	2002	6	25	L	U	L	R	A/N	tall	red/green	metal
140178299	St Peters Lake Run	PE	2002	6	25	L	U	L	R	H/N	tall	red/green	metal
140178300	St Peters Lake Run	PE	2002	6	25	L	U	L	R	B/P	tall	red/green	metal
140178301	St Catharines River, KejiNP Seaside Adjunct	NS	2001	7	17	AHY	M	R	L	AM	short	red/black	metal
140178302	St Catharines River, KejiNP Seaside Adjunct	NS	2001	7	17	L	U	L	R	HD	short	red/black	metal
140178303	Summerville	NS	2001	7	17	L	U	L	R	DW	short	red/black	metal
140178304	Summerville	NS	2001	7	17	L	U	L	R	EV	short	red/black	metal
140178305	Cherry Hill (Conrad)	NS	2001	7	17	L	U	L	R	HE	short	red/black	metal
140178306	Cherry Hill (Conrad)	NS	2001	7	17	L	U	L	R	BZ	short	red/black	metal
140178307	Portage Island National Wildlife Area	NB	2001	7	19	L	U	L	R	BR	short	red/black	metal
140178308	Portage Island National Wildlife Area	NB	2001	7	19	L	U	L	R	DH	short	blue/green	metal
140178309	Daniels Head (Southside)	NS	2002	5	22	AHY	F	R	L	E/B	tall	red/black	metal
140178310	St Peters Lake Run	PE	2002	5	29	AHY	F	R	L	A/Z	tall	red/green	metal
140178311	St Peters Harbour	PE	2002	5	29	AHY	M	R	L	E/N	tall	red/green	metal
140178312	Souris Causeway	PE	2002	5	29	AHY	F	R	L	E/S	tall	red/green	metal
140178313	St Peters Lake Run	PE	2002	6	25	L	U	L	R	E/B	tall	red/green	metal
140178314	St Peters Harbour	PE	2002	6	25	L	U	L	R	H/B	tall	red/green	metal
140178315	St Peters Harbour	PE	2002	6	25	L	U	L	R	C/M	tall	red/green	metal

Eastern Canada Piping Plover Banding Summary

USGS band	Beach	Province	Year	Month	Day	Age	Sex	Leg USGS	Leg Colour	Aux Code	Aux band type	Colour	Colour Type
140178316	Savage Harbour	PE	2002	6	25	AHY	M	R	L	C/Z	tall	red/green	metal
140178317	Chockpish	NB	2002	6	26	AHY	M	R	L	E/V	tall	blue/green	metal
140178318	Bouctouche Bar	NB	2002	6	26	L	U	L	R	A/A	tall	blue/green	metal
140178319	Bouctouche Bar	NB	2002	6	26	L	U	L	R	E/H	tall	blue/green	metal
140178320	Bouctouche Bar	NB	2002	6	26	L	U	L	R	H/N	tall	blue/green	metal
140178321	Bouctouche Bar	NB	2002	6	26	L	U	L	R	C/C	tall	blue/green	metal
140178322	Bouctouche Bar	NB	2002	6	26	L	U	L	R	A/B	tall	blue/green	metal
140178323	Bouctouche Bar	NB	2002	6	26	L	U	L	R	A/E	tall	blue/green	metal
140178324	Bouctouche Bar	NB	2002	6	26	L	U	L	R	C/Z	tall	blue/green	metal
140178325	Bouctouche Bar	NB	2002	6	26	L	U	L	R	C/K	tall	blue/green	metal
140178326	Bouctouche Bar	NB	2002	6	26	L	U	L	R	B/V	tall	blue/green	metal
140178327	Bouctouche Bar	NB	2002	6	26	L	U	L	R	H/K	tall	blue/green	metal
140178328	Portage River Dune, KouchNP	NB	2002	6	28	L	U	L	R	E/Z	tall	blue/green	metal
140178329	Portage River Dune, KouchNP	NB	2002	6	28	L	U	L	R	K/P	tall	blue/green	metal
140178330	Portage River Dune, KouchNP	NB	2002	6	28	L	U	L	R	E/L	tall	blue/green	metal
140178331	Portage River Dune, KouchNP	NB	2002	6	28	L	U	L	R	H/P	tall	blue/green	metal
140178332	Portage River Dune, KouchNP	NB	2002	6	28	L	U	L	R	C/H	tall	blue/green	metal
140178333	North Kouchibouguac Dune, KouchNP	NB	2002	6	28	AHY	F	R	L	K/H	tall	blue/green	metal
140178334	North Kouchibouguac Dune, KouchNP	NB	2002	6	28	L	U	L	R	H/T	tall	blue/green	metal
140178335	North Kouchibouguac Dune, KouchNP	NB	2002	6	28	L	U	L	R	E/U	tall	blue/green	metal
140178336	Fox Bar	NS	2002	7	4	L	U	L	R	C/M	tall	red/black	metal
140178337	Round Bay & Rossway	NS	2002	7	4	L	U	L	R	B/T	tall	red/black	metal
140178338	Round Bay & Rossway	NS	2002	7	4	L	U	L	R	A/P	tall	red/black	metal
140178339	Round Bay & Rossway	NS	2002	7	4	L	U	L	R	E/U	tall	red/black	metal
140178340	Red Head	NS	2002	7	4	L	U	L	R	B/S	tall	red/black	metal
140178341	Crow Neck (Baccaro)	NS	2002	7	4	L	U	L	R	B/E	tall	red/black	metal
140178342	Crow Neck (Baccaro)	NS	2002	7	4	L	U	L	R	E/H	tall	red/black	metal
140178343	Crow Neck (Baccaro)	NS	2002	7	4	L	U	L	R	A/B	tall	red/black	metal
140178344	St Catherines River, KejiNP Seaside Adjunct	NS	2002	7	5	L	U	L	R	C/S	tall	red/black	metal
140178345	St Catherines River, KejiNP Seaside Adjunct	NS	2002	7	5	L	U	L	R	C/Z	tall	red/black	metal
140178346	St Catherines River, KejiNP Seaside Adjunct	NS	2002	7	5	L	U	L	R	K/R	tall	red/black	metal
140178347	St Catherines River, KejiNP Seaside Adjunct	NS	2002	7	5	L	U	L	R	A/E	tall	red/black	metal
140178348	Second (Rocky Barachois Bight), Grand Bay West	NL	2002	7	8	L	U	L	R	H/E	tall	red/dark blue	metal
140178349	Second (Rocky Barachois Bight), Grand Bay West	NL	2002	7	8	L	U	L	R	H/A	tall	red/dark blue	metal
140178350	Second (Rocky Barachois Bight), Grand Bay West	NL	2002	7	8	L	U	L	R	H/H	tall	red/dark blue	metal
140178351	Dune de Negnac	NB	2002	7	3	L	U	L	R	H/E	tall	blue/green	metal
140178352	Dune de Negnac	NB	2002	7	3	L	U	L	R	E/C	tall	blue/green	metal
140178353	Dune de Negnac	NB	2002	7	3	L	U	L	R	B/S	tall	blue/green	metal
140178354	Dune de Negnac	NB	2002	7	3	L	U	L	R	C/P	tall	blue/green	metal
140178356	Dune de Negnac	NB	2002	7	3	L	U	L	R	C/U	tall	blue/green	metal
140178357	Tracadie Dune	NB	2002	7	3	L	U	L	R	C/M	tall	blue/green	metal
140178358	Tracadie Dune	NB	2002	7	3	L	U	L	R	B/Z	tall	blue/green	metal
140178359	Tracadie Dune	NB	2002	7	3	L	U	L	R	C/X	tall	blue/green	metal
140178360	Chockpish	NB	2002	7	4	L	U	L	R	A/U	short	blue/green	metal
140178361	Chockpish	NB	2002	7	4	L	U	L	R	A/Y	short	blue/green	metal
140178362	Chockpish	NB	2002	7	4	L	U	L	R	C/D	short	blue/green	metal
140178363	St Catherines River, KejiNP Seaside Adjunct	NS	2002	7	17	L	U	L	R	K/E	tall	red/black	metal
140178364	St Catherines River, KejiNP Seaside Adjunct	NS	2002	7	17	L	U	L	R	B/B	tall	red/black	metal
140178365	St Catherines River, KejiNP Seaside Adjunct	NS	2002	7	17	L	U	L	R	A/U	tall	red/black	metal
140178366	Cavendish Sandspit, PEINP	PE	2002	8	2	L	U	L	R	A/P	tall	red/green	metal
140178367	Sand Hills Provincial Park (Sebum)	NS	2002	7	31	L	U	L	R	B/H	tall	red/black	metal
140178368	Cavendish Sandspit, PEINP	PE	2002	8	2	L	U	L	R	E/W	tall	red/green	metal
140178369	Cavendish Sandspit, PEINP	PE	2002	8	2	L	U	L	R	E/V	tall	red/green	metal
140178370	Cavendish Sandspit, PEINP	PE	2002	8	2	L	U	L	R	E/K	tall	red/green	metal
140178371	Cavendish Sandspit, PEINP	PE	2002	8	2	L	U	L	R	H/P	tall	red/green	metal
140178372	Cavendish Sandspit, PEINP	PE	2002	8	2	L	U	L	R	C/K	tall	red/green	metal
140178373	Cavendish Sandspit, PEINP	PE	2002	8	2	L	U	L	R	B/A	tall	red/green	metal
140178374	Cavendish Sandspit, PEINP	PE	2002	8	2	L	U	L	R	H/V	tall	red/green	metal
140178376	St Catherines River, KejiNP Seaside Adjunct	NS	2003	5	21	AHY	F	R	L	S/A	tall	red/black	metal
140178378	Hawk Point	NS	2003	5	22	AHY	M	R	L	P/N	tall	red/black	metal
140178379	Dilapent Pond	PE	2003	5	27	AHY	F	R	L	P/C	tall	red/green	metal
140178380	Souris Causeway	PE	2003	5	27	AHY	M	R	L	P/N	tall	red/green	metal
140178381	Eglington Cove	PE	2003	5	27	AHY	F	R	L	K/V	tall	red/green	metal
140178382	Val Comeau	NB	2003	6	3	AHY	F	R	L	N/Y	tall	blue/green	metal
140178383	Val Comeau	NB	2003	6	3	AHY	F	R	L	M/B	tall	blue/green	metal
140178384	Bouctouche Bar	NB	2003	6	11	AHY	F	R	L	P/H	tall	blue/green	metal
140178385	Pointe a Barreau	NB	2003	6	3	AHY	F	R	L	N/D	tall	blue/green	metal
140178386	St-Marie St-Raphael	NB	2003	6	4	AHY	F	R	L	M/A	tall	blue/green	metal
140178387	Cedar Road South	NB	2003	6	4	AHY	M	R	L	M/W	tall	blue/green	metal
140178388	Tracadie Dune	NB	2003	6	5	AHY	F	R	L	P/V	tall	blue/green	metal
140178389	Robinson's Island Sandspit, PEINP	PE	2003	6	10	AHY	F	R	L	P/P	tall	red/green	metal
140178390	Bouctouche Bar	NB	2003	6	11	AHY	M	R	L	M/H	tall	blue/green	metal
140178391	Dune de Negnac	NB	2003	6	12	AHY	M	R	L	R/N	tall	blue/green	metal
140178392	Dune de Negnac	NB	2003	6	12	AHY	F	R	L	R/H	tall	blue/green	metal
140178393	Dune de Negnac	NB	2003	6	12	AHY	F	R	L	R/P	tall	blue/green	metal
140178394	North Kouchibouguac Dune, KouchNP	NB	2003	6	13	AHY	M	R	L	N/S	tall	blue/green	metal
140178395	North Kouchibouguac Dune, KouchNP	NB	2003	6	13	AHY	F	R	L	R/R	tall	blue/green	metal

Eastern Canada Piping Plover Banding Summary

USGS band	Beach	Province	Year	Month	Day	Age	Sex	Leg USGS	Leg Colour	Aux Code	Aux band type	Colour	Colour Type
140178396	North Kouchibouguac Dune, KouchNP	NB	2003	6	13	AHY	M	R	L	N/M	tall	blue/green	metal
140178397	Portage River Dune, KouchNP	NB	2003	6	23	AHY	M	R		not placed			
140178401	Cavendish Sandspit, PEINP	PE	2002	6	4	AHY	F	R	L	A/R	tall	red/green	metal
140178402	Cavendish Sandspit, PEINP	PE	2002	6	4	AHY	F	R	L	B/Y	tall	red/green	metal
140178403	Cavendish Sandspit, PEINP	PE	2002	6	4	AHY	F	R	L	A/A	tall	red/green	metal
140178404	Covehead Harbour, PEINP	PE	2002	6	4	AHY	F	R	L	C/R	tall	red/green	metal
140178405	Covehead Harbour, PEINP	PE	2002	6	4	AHY	F	R	L	E/R	tall	red/green	metal
140178406	Covehead Harbour, PEINP	PE	2002	6	4	AHY	F	R	L	C/S	tall	red/green	metal
140178407	Tracadie Dune	NB	2002	6	7	AHY	M	R	L	H/V	tall	blue/green	metal
140178408	Val Comeau	NB	2002	6	7	AHY	M	R	L	H/W	tall	blue/green	metal
140178409	Val Comeau	NB	2002	6	7	AHY	M	R	L	E/R	tall	blue/green	metal
140178410	Chockpish	NB	2002	6	11	AHY	F	R	L	B/K	tall	blue/green	metal
140178411	South Richibucto	NB	2002	6	11	AHY	F	R	L	C/E	tall	blue/green	metal
140178412	Cavendish Sandspit, PEINP	PE	2002	6	12	AHY	M	R		not placed			
140178413	Covehead Harbour, PEINP	PE	2002	6	13	AHY	F	R	L	B/V	tall	red/green	metal
140178415	Greenwich, PEINP	PE	2002	6	13	AHY	F	R	L	A/W	tall	red/green	metal
140178416	Greenwich, PEINP	PE	2002	6	13	AHY	F	R	L	C/E	tall	red/green	metal
140178417	Dune de Negnac	NB	2002	6	14	AHY	M	R	L	B/B	tall	blue/green	metal
140178418	Dune de Negnac	NB	2002	6	14	AHY	M	R	L	H/S	tall	blue/green	metal
140178419	Dune de Negnac	NB	2002	6	14	AHY	M	R	L	A/Y	tall	blue/green	metal
140178420	Dune de Negnac	NB	2002	6	14	AHY	F	R	L	C/A	tall	blue/green	metal
140178421	Grand Passage	NB	2002	6	21	L	U	L	R	E/M	tall	blue/green	metal
140178422	Grand Passage	NB	2002	6	21	L	U	L	R	EA	short	blue/green	metal
140178423	Grand Passage	NB	2002	6	21	L	U	L	R	ED	short	blue/green	metal
140178424	Grand Passage	NB	2002	6	21	L	U	L	R	DE	short	blue/green	metal
140178425	Grand Passage	NB	2002	6	21	L	U	L	R	AB	short	blue/green	metal
140178426	Souris Causeway	PE	2002	6	25	L	U	L	R	H/M	tall	red/green	metal
140178427	Souris Causeway	PE	2002	6	25	L	U	L	R	B/S	tall	red/green	metal
140178428	Souris Causeway	PE	2002	6	25	L	U	L	R	H/R	tall	red/green	metal
140178429	Souris Causeway	PE	2002	6	25	L	U	R	L	E/Z	tall	red/green	metal
140178430	Dilagent Pond	PE	2002	6	25	AHY	M	R	L	H/S	tall	red/green	metal
140178431	East Lake	PE	2002	6	25	AHY	F	R	L	H/X	tall	red/green	metal
140178432	Cavendish Sandspit, PEINP	PE	2002	6	26	L	U	L	R	H/U	tall	red/green	metal
140178433	Covehead Harbour, PEINP	PE	2002	6	26	L	U	L	R	A/B	tall	red/green	metal
140178434	Covehead Harbour, PEINP	PE	2002	6	26	L	U	L	R	H/H	tall	red/green	metal
140178435	Covehead Harbour, PEINP	PE	2002	6	26	L	U	L	R	C/C	tall	red/green	metal
140178436	Covehead Harbour, PEINP	PE	2002	6	26	L	U	L	R	B/N	tall	red/green	metal
140178438	Covehead Harbour, PEINP	PE	2002	6	26	L	U	L	R	H/K	tall	red/green	metal
140178439	Red Head	NS	2002	6	27	L	U	L	R	H/K	tall	red/black	metal
140178440	Red Head	NS	2002	6	27	L	U	L	R	A/C	tall	red/black	metal
140178441	Red Head	NS	2002	6	27	L	U	L	R	B/X	tall	red/black	metal
140178442	Red Head	NS	2002	6	27	L	U	L	R	A/H	tall	red/black	metal
140178443	Dune de Negnac	NB	2002	7	3	L	U	L	R	CN	short	blue/green	metal
140178444	Dune de Negnac	NB	2002	7	3	L	U	L	R	CZ	short	blue/green	metal
140178445	Dune de Negnac	NB	2002	7	3	L	U	L	R	CU	short	blue/green	metal
140178446	Dune de Negnac	NB	2002	7	3	L	U	L	R	B/E	tall	blue/green	metal
140178447	Dune de Negnac	NB	2002	7	3	L	U	L	R	A/X	tall	blue/green	metal
140178448	Dune de Negnac	NB	2002	7	3	L	U	L	R	K/H	tall	blue/green	metal
140178449	Dune de Negnac	NB	2002	7	3	L	U	L	R	H/M	tall	blue/green	metal
140178450	Dune de Negnac	NB	2002	7	3	L	U	L	R	K/E	tall	blue/green	metal
140179020	South Lake	PE	2003	6	16	AHY	F	R	L	M/A	tall	red/green	metal
140179021	South Lake	PE	2003	6	16	AHY	M	R	L	P/V	tall	red/green	metal
140179022	Cavendish Sandspit, PEINP	PE	2003	6	16	AHY	M	R	L	R/A	tall	red/green	metal
140179023	Cavendish Sandspit, PEINP	PE	2003	6	16	AHY	F	R	L	M/M	tall	red/green	metal
140179024	Cavendish Sandspit, PEINP	PE	2003	6	16	AHY	M	R	L	K/N	tall	red/green	metal
140179025	Pointe Sapin Dune, KouchNP	NB	2003	6	13	AHY	M	R	L	P/A	tall	blue/green	metal
140179026	South Kouchibouguac Dune, KouchNP	NB	2003	6	13	AHY	M	R	L	M/V	tall	blue/green	metal
140179027	Portage Island National Wildlife Area	NB	2003	6	12	AHY	F	R	L	P/Y	tall	blue/green	metal
140179028	Bouctouche Bar	NB	2003	6	11	AHY	F	R	L	R/Z	tall	blue/green	metal
140179029	Bouctouche Bar	NB	2003	6	11	AHY	F	R	L	N/K	tall	blue/green	metal
140179030	Bouctouche Bar	NB	2003	6	11	AHY	M	R	L	N/E	tall	blue/green	metal
140179031	East Lake	PE	2003	6	10	AHY	M	R	L	N/Y	tall	red/green	metal
140179032	Black Pond	PE	2003	6	10	AHY	F	R	L	R/B	tall	red/green	metal
140179033	Round Bay & Roseway	NS	2003	6	4	AHY	F	R	L	M/C	tall	red/black	metal
140179034	Crow Neck (Baccaro)	NS	2003	6	4	AHY	F	R	L	N/S	tall	red/black	metal
140179035	Crow Neck (Baccaro)	NS	2003	6	3	AHY	M	R	L	N/U	tall	red/black	metal
140179036	Canavoy	PE	2003	5	28	AHY	M	R	L	K/Y	tall	red/green	metal
140179037	Savage Harbour	PE	2003	5	27	AHY	F	R	L	K/U	tall	red/green	metal
140179038	Pomquet	NS	2003	5	24	AHY	F	R	L	R/C	tall	red/black	metal
140179039	Pomquet	NS	2003	5	24	AHY	M	R	L	M/X	tall	red/black	metal
140179040	Pomquet	NS	2003	5	24	AHY	F	R	L	P/E	tall	red/black	metal
140179041	Pomquet	NS	2003	5	24	AHY	F	R	L	R/K	tall	red/black	metal
140179042	Pomquet	NS	2003	5	24	AHY	F	R	L	S/B	tall	red/black	metal
140179043	Pomquet	NS	2003	5	23	AHY	M	R	L	N/N	tall	red/black	metal
140179044	Pomquet	NS	2003	5	23	AHY	M	R	L	M/M	tall	red/black	metal
140179045	Pomquet	NS	2003	5	23	AHY	M	R	L	P/P	tall	red/black	metal
140179046	James and Little Harbour Spit	NS	2003	5	23	AHY	F	R	L	N/P	tall	red/black	metal
140179047	James and Little Harbour Spit	NS	2003	5	23	AHY	M	R	L	R/H	tall	red/black	metal
140179048	Malnoneys	NS	2003	5	23	AHY	F	R	L	N/D	tall	red/black	metal
140179049	Malnoneys	NS	2003	5	23	AHY	M	R	L	S/K	tall	red/black	metal
140179050	Round Bay & Roseway	NS	2003	5	21	AHY	M	R	L	M/Z	tall	red/black	metal
140179051	Second (Rocky Barachois Bight), Grand Bay West	NL	2002	7	8	L	U	L	R	AY	short	red/dark blue	metal
140179052	Little Codroy	NL	2002	7	9	L	U	L		not placed			
140179053	Little Codroy	NL	2002	7	9	L	U	L		not placed			
140179054	Little Codroy	NL	2002	7	9	L	U	L		not placed			
140179055	Sandy Point, Flat Island	NL	2002	7	10	L	U	L	R	A/M	tall	red/dark blue	metal
140179056	Sandy Point, Flat Island	NL	2002	7	10	L	U	L	R	A/R	tall	red/dark blue	metal

USGS band	Beach	Province	Year	Month	Day	Age	Sex	Leg USGS	Leg Colour	Aux Code	Aux band type	Colour	Colour Type
140179057	Sandy Point, Flat Island	NL	2002	7	10	L	U	L	R	A/U	tall	red/dark blue	metal
140179058	Big Barasway - Burgeo	NL	2002	7	11	L	U	L		not placed			
140179059	Big Barasway - Burgeo	NL	2002	7	11	L	U	L		not placed			
140179060	Big Barasway - Burgeo	NL	2002	7	11	L	U	L	R	A/V	tall	red/dark blue	metal
140179061	Big Barasway - Burgeo	NL	2002	7	11	L	U	L	R	A/Y	tall	red/dark blue	metal
140179062	Bottles Barachois, Grand Bay West	NL	2002	7	12	L	U	L	R	A/Z	tall	red/dark blue	metal
140179063	Bottles Barachois, Grand Bay West	NL	2002	7	12	L	U	L	R	B/A	tall	red/dark blue	metal
140179064	Bottles Barachois, Grand Bay West	NL	2002	7	12	L	U	L	R	B/B	tall	red/dark blue	metal
140179065	Greenwich, PEINP	PE	2002	7	24	L	U	L	R	C/X	tall	red/green	metal
140179066	Greenwich, PEINP	PE	2002	7	24	L	U	L	R	E/M	tall	red/green	metal
140179067	Greenwich, PEINP	PE	2002	7	24	L	U	L	R	A/X	tall	red/green	metal
140179068	Greenwich, PEINP	PE	2002	7	24	L	U	L	R	C/N	tall	red/green	metal
140179069	Greenwich, PEINP	PE	2002	7	24	L	U	L	R	B/W	tall	red/green	metal
140179070	Greenwich, PEINP	PE	2002	7	24	L	U	L	R	A/E	tall	red/green	metal
140179071	Eglington Cove	PE	2002	7	24	L	U	L	R	E/E	tall	red/green	metal
140179072	Eglington Cove	PE	2002	7	24	L	U	L	R	B/U	tall	red/green	metal
140179073	Boughton Island	PE	2002	7	24	L	U	L	R	H/W	tall	red/green	metal
140179074	Boughton Island	PE	2002	7	24	L	U	L	R	B/B	tall	red/green	metal
140179075	Boughton Island	PE	2002	7	24	L	U	L	R	B/K	tall	red/green	metal
140179076	Daniels Head (Southside)	NS	2002	7	31	L	U	L	R	A/X	tall	red/black	metal
140179077	Daniels Head (Southside)	NS	2002	7	31	L	U	L	R	C/B	tall	red/black	metal
140179078	Daniels Head (Southside)	NS	2002	7	31	L	U	L	R	E/X	tall	red/black	metal
140179079	Sand Hills Provincial Park (Sebim)	NS	2002	7	31	L	U	L	R	B/U	tall	red/black	metal
140179080	Sand Hills Provincial Park (Sebim)	NS	2002	7	31	L	U	L	R	E/K	tall	red/black	metal
140179081	Cherry Hill (Conrad)	NS	2002	7	31	L	U	L	R	E/E	tall	red/black	metal
140179082	Cherry Hill (Conrad)	NS	2002	7	31	L	U	L	R	A/W	tall	red/black	metal
140179083	St Peters Harbour	PE	2002	8	1	L	U	L	R	C/P	tall	red/green	metal
140179084	St Peters Harbour	PE	2002	8	1	L	U	L	R	E/P	tall	red/green	metal
140179085	St Peters Harbour	PE	2002	8	1	L	U	L	R	B/C	tall	red/green	metal
140179251	Sandy Point, Flat Island	NL	2001	7	6	L	U	L	R	A/H	short	red/dark blue	metal
140179253	Sandy Point, Flat Island	NL	2001	7	6	L	U	L	R	A/K	short	red/dark blue	metal
140179255	Flat Bay Peninsula	NL	2001	7	6	AHY	F	R	L	A/M	short	red/dark blue	metal
140179256	Sandy Point, Flat Island	NL	2002	6	5	AHY	F	R	L	B/A	short	red/dark blue	metal
140179257	Osmond Beach	NL	2002	6	5	AHY	M	R	L	B/K	short	red/dark blue	metal
140179258	Big Barasway - Burgeo	NL	2002	6	7	AHY	M	R	L	B/P	tall	red/dark blue	metal
140179259	J T. Cheeseman Provincial Park	NL	2002	6	12	AHY	M	R	L	A/B	tall	red/dark blue	metal
140179260	Big Barachois, Grand Bay West	NL	2002	6	12	AHY	M	R	L	A/A	tall	red/dark blue	metal
140179261	J T. Cheeseman Provincial Park	NL	2002	6	13	AHY	F	R	L	A/H	tall	red/dark blue	metal
140179262	J T. Cheeseman Provincial Park	NL	2002	6	14	AHY	M	R	L	A/W	tall	red/dark blue	metal
140179263	Flat Bay Peninsula	NL	2002	7	10	AHY	M	R	L	C/A	tall	red/dark blue	metal
140179264	Little Codroy	NL	2002	6	25	L	U	L	R	A/P	tall	red/dark blue	metal
140179265	Stephenville Crossing	NL	2002	7	10	AHY	M	R	L	C/B	tall	red/dark blue	metal
140179266	Stephenville Crossing	NL	2003	6	3	AHY	M	L	R	B/C	tall	red/dark blue	metal
140179267	Little Codroy	NL	2003	6	3	AHY	F	L	R	B/H	tall	red/dark blue	metal
140179268	Osmond Beach	NL	2003	6	3	AHY	M	L	R	B/K	tall	red/dark blue	metal
140179269	Little Codroy	NL	2002	6	25	L	U	L	R	A/X	tall	red/dark blue	metal
140179270	Little Codroy	NL	2002	6	25	L	U	L	R	A/W	tall	red/dark blue	metal
140179271	Sandy Point, Flat Island	NL	2003	6	5	AHY	M	L	R	B/V	tall	red/dark blue	metal